

Netherlands

TRENDS AND SOURCES OF ZOONOSES AND ZOOTIC AGENTS IN FOODSTUFFS, ANIMALS AND FEEDINGSTUFFS

including information on foodborne outbreaks,
antimicrobial resistance in zoonotic and indicator bacteria
and some pathogenic microbiological agents

IN 2016

PREFACE

This report is submitted to the European Commission in accordance with Article 9 of Council Directive 2003/99/EC*. The information has also been forwarded to the European Food Safety Authority (EFSA).

The report contains information on trends and sources of zoonoses and zoonotic agents in Netherlands during the year 2016.

The information covers the occurrence of these diseases and agents in animals, foodstuffs and in some cases also in feedingstuffs. In addition the report includes data on antimicrobial resistance in some zoonotic agents and indicator bacteria as well as information on epidemiological investigations of foodborne outbreaks. Complementary data on susceptible animal populations in the country is also given. The information given covers both zoonoses that are important for the public health in the whole European Union as well as zoonoses, which are relevant on the basis of the national epidemiological situation.

The report describes the monitoring systems in place and the prevention and control strategies applied in the country. For some zoonoses this monitoring is based on legal requirements laid down by the European Union legislation, while for the other zoonoses national approaches are applied.

The report presents the results of the examinations carried out in the reporting year. A national evaluation of the epidemiological situation, with special reference to trends and sources of zoonotic infections, is given. Whenever possible, the relevance of findings in foodstuffs and animals to zoonoses cases in humans is evaluated.

The information covered by this report is used in the annual European Union Summary Reports on zoonoses and antimicrobial resistance that are published each year by EFSA.

* Directive 2003/ 99/ EC of the European Parliament and of the Council of 12 December 2003 on the monitoring of zoonoses and zoonotic agents, amending Decision 90/ 424/ EEC and repealing Council Directive 92/ 117/ EEC, OJ L 325, 17.11.2003, p. 31

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faeces	235
Cattle (bovine animals) - dairy cows - Farm - Monitoring - Official sampling - OTHER AMR MON	237
N_A	237
Meat from turkey - fresh - Retail - Monitoring - active - Official sampling - OTHER AMR MON pml2	238
N_A	238
Meat from turkey - fresh - Retail - Monitoring - active - Official sampling - OTHER AMR MON	239
N_A	239
Meat from turkey - fresh - Retail - Monitoring - active - Official sampling - OTHER AMR MON	241
N_A	241
Meat from turkey - fresh - Retail - Monitoring - active - Official sampling - OTHER AMR MON pml2	242
N_A	242
Meat from turkey - fresh - Retail - Monitoring - active - Official sampling - OTHER AMR MON	243
N_A	243
Meat from turkey - fresh - Retail - Monitoring - active - Official sampling - OTHER AMR MON pml2	245
N_A	245
Meat from turkey - fresh - Retail - Monitoring - active - Official sampling - OTHER AMR MON	246
N_A	246
Meat from turkey - fresh - Retail - Monitoring - EFSA specifications - Official sampling - OTHER ESBL MON pml2	248
N_A	248
Meat from turkey - fresh - Retail - Monitoring - EFSA specifications - Official sampling - OTHER ESBL MON	250
N_A	250
Pigs - fattening pigs - Slaughterhouse - Monitoring - Official sampling - AMR MON pml2	252
N_A	252
Pigs - fattening pigs - Slaughterhouse - Monitoring - Official sampling - AMR MON	253
N_A	253
Pigs - fattening pigs - Slaughterhouse - Monitoring - active - Official sampling - OTHER ESBL MON pml2	255
caecal	255
Pigs - fattening pigs - Slaughterhouse - Monitoring - active - Official sampling - OTHER ESBL MON	257
caecal	257
Ducks - Slaughterhouse - Monitoring - Official sampling - OTHER AMR MON	259
N_A	259
Ducks - breeding flocks, unspecified - Slaughterhouse - Monitoring - active - Official sampling - OTHER ESBL MON pml2	260
caecal	260
Ducks - breeding flocks, unspecified - Slaughterhouse - Monitoring - active - Official sampling - OTHER ESBL MON	262
caecal	262
Gallus gallus (fowl) - laying hens - Slaughterhouse - Monitoring - active - Official sampling - OTHER ESBL MON pml2	264
caecal	264
Gallus gallus (fowl) - laying hens - Slaughterhouse - Monitoring - active - Official sampling - OTHER ESBL MON	266
caecal	266
Meat from broilers (Gallus gallus) - fresh - Retail - Monitoring - active - Official sampling - OTHER AMR MON	268
N_A	268
Meat from broilers (Gallus gallus) - fresh - Retail - Monitoring - active - Official sampling - OTHER AMR MON pml2	269
N_A	269
Meat from broilers (Gallus gallus) - fresh - Retail - Monitoring - active - Official sampling - OTHER AMR MON	270
N_A	270
Meat from broilers (Gallus gallus) - fresh - Retail - Monitoring - active - Official sampling - OTHER AMR MON pml2	272
N_A	272
Meat from broilers (Gallus gallus) - fresh - Retail - Monitoring - active - Official sampling - OTHER AMR MON	273
N_A	273
Meat from broilers (Gallus gallus) - fresh - Retail - Monitoring - active - Official sampling - OTHER AMR MON	274
N_A	274
Meat from broilers (Gallus gallus) - fresh - Retail - Monitoring - active - Official sampling - OTHER AMR MON	276
N_A	276
Meat from broilers (Gallus gallus) - fresh - Retail - Monitoring - active - Official sampling - OTHER AMR MON	278
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frozen salted poultry meat	286
Meat from broilers (Gallus gallus) - meat preparation - Border inspection activities - Monitoring - active - Official sampling - OTHER ESBL MON pml2	288
imported frozen poultry meat preparation; n=5; max 1 isolate/batch	288
Meat from broilers (Gallus gallus) - meat preparation - Border inspection activities - Monitoring - active - Official sampling - OTHER ESBL MON	290
imported frozen poultry meat preparation; n=5; max 1 isolate/batch	290
Gallus gallus (fowl) - broilers - Slaughterhouse - Monitoring - Official sampling - AMR MON pml2	292
N_A	292
Gallus gallus (fowl) - broilers - Slaughterhouse - Monitoring - Official sampling - AMR MON	293
N_A	293
Gallus gallus (fowl) - broilers - Slaughterhouse - Monitoring - EFSA specifications - Official sampling - ESBL MON pml2	295
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42585 3-8-2016	300
42648 5-10-2016	301
42676 2-11-2016	302
42690 16-11-2016	303
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Gallus gallus (fowl) - laying hens - Slaughterhouse - Monitoring - Official sampling - OTHER AMR MON	325
N_A	325
Spices and herbs - fresh - Retail - Monitoring - active - Official sampling - OTHER ESBL MON pnl2	327
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N_A	337
Meat from broilers (Gallus gallus) - fresh - Retail - Monitoring - passive - Official sampling - OTHER AMR MON	338
N_A	338
Meat from broilers (Gallus gallus) - fresh - Retail - Monitoring - passive - Official sampling - OTHER AMR MON	339
N_A	339
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Meat from turkey - fresh - Retail - Monitoring - passive - Official sampling - OTHER AMR MON	341
N_A	341
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N_A	342
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N_A	343
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N_A	344
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1 ANTIMICROBIAL RESISTANCE INFORMATION ON SPECIFIC ZONOSSES AND ZONOTIC AGENTS

1.1 ESCHERICHIA COLI, NON-PATHOGENIC

1.1.1 Escherichia coli, non-pathogenic in foodstuffs

1.1.1.1 Antimicrobial resistance in Escherichia coli, non-pathogenic Cattle (bovine animals) caeca rose veal

Description of sampling designs

E. coli and ESBL/AmpC E. coli, CPE and mcr-1 were investigated in isolates from caeca of veal calves at slaughter. The "rose meat" calves are raised on milk roughage.

Stratification procedures per animal populations and food categories

Slaughterhouse (% total volume) Type calf in % Vitelco Boer ESA EKRO % types NL White (less 8 m) 50 90 50 92 70,5 Rosé young (less 8 m) 45 10 15 8 19,5 Rosé old (9-12 m) 5 0 35 0 10 Amount of samples to be taken per slaughterhouse was stratified according to the total slaughtervolume for the slaughterhouse and production type and planned quarterly. Slaughterhouse jan – mar apr – jun jul – sep oct– dec Ekro 23 23 23 23 Boer 23 23 23 23 Vitelco 18 18 18 18 ESA 12 12 12 12 Abattoir Amsterdam 1 1 1 1 Gosschalk 1 1 1 1

Sampling strategy used in monitoring

Type of specimen taken

caecal samples

Procedures for the selection of isolates for antimicrobial testing

122 caecal samples were examined for (indicator) E. coli, ESBL/AmpC E. coli (EURL-AR protocol), CPE (RT-PCR AND culture EURL-AR protocol) and 99 for mcr-1 (colistin resistance gene)(PCR). 1 isolate per sample was ASTested (Micro Broth Dilution TREK EUVSEC and EUVSEC2 panels).

1.1.1.2 Antimicrobial resistance in Escherichia coli, non-pathogenic Cattle (bovine animals) caeca white veal

Description of sampling designs

E. coli and ESBL/AmpC E. coli, CPE and mcr-1 were investigated in isolates from caeca of veal calves at slaughter. The "white meat" calves are raised on milk mainly.

Stratification procedures per animal populations and food categories

Slaughterhouse (% total volume) Type calf in % Vitelco Boer ESA EKRO % types NL White (less 8 m) 50 90 50 92 70,5 Rosé young (less 8 m) 45 10 15 8 19,5 Rosé old (9-12 m) 5 0 35 0 10 Amount of samples to be taken per slaughterhouse was stratified according to the total slaughtervolume for the slaughterhouse and production type and planned quarterly. Slaughterhouse jan – mar apr – jun jul – sep oct– dec Ekro 23 23 23 23 Boer 23 23 23 23 Vitelco 18 18 18 18 ESA 12 12 12 12 Abattoir Amsterdam 1 1 1 1 Gosschalk 1 1 1 1

Sampling strategy used in monitoring

Type of specimen taken

caecal samples

Procedures for the selection of isolates for antimicrobial testing

183 caecal samples were examined for (indicator) *E. coli*, ESBL/AmpC *E. coli* (EURL-AR protocol), CPE (RT-PCR AND culture EURL-AR protocol) and 166 for mcr-1 (colistin resistance gene)(PCR). 1 isolate per sample was ASTested (Micro Broth Dilution TREK EUVSEC and EUVSEC2 panels).

1.1.1.3 Antimicrobial resistance in Escherichia coli, non-pathogenic Cattle (bovine animals) faeces dairy cows

Description of sampling designs

E. coli and ESBL/AmpC *E. coli*, CPE and mcr-1 were investigated in isolates from faeces from dairy cows taken at the farm.

Stratification procedures per animal populations and food categories

300 Randomly chosen farm in the Netherlands were sampled, 1 faeces sample per farm

Sampling strategy used in monitoring

Type of specimen taken

faecal samples

Procedures for the selection of isolates for antimicrobial testing

302 faecal samples were examined for (indicator) *E. coli*, ESBL/AmpC *E. coli* (EURL-AR protocol), CPE (RT-PCR AND culture EURL-AR protocol) and 252 for mcr-1 (colistin resistance gene)(PCR). 1 isolate per sample was ASTested (Micro Broth Dilution TREK EUVSEC and EUVSEC2 panels).

1.1.1.4 Antimicrobial resistance in Escherichia coli, non-pathogenic Ducks caeca ducks

Description of sampling designs

E. coli and ESBL/AmpC *E. coli*, CPE and mcr-1 were investigated in isolates from caeca of ducks at slaughter. Samples were used to isolate *Campylobacter* also.

Stratification procedures per animal populations and food categories

Caeca from ducks from 100 dutch herds were taken at 2 slaughter houses, processing almost all dutch herds.

Randomisation procedures per animal populations and food categories

samples of Dutch herds of ducks were planned, 13 slaughterhouse per quarter (ca. 1 per week). Sampling of 100 herds was realized.

Sampling strategy used in monitoring

Type of specimen taken

caecal sample

Procedures for the selection of isolates for antimicrobial testing

100 caecal samples were examined for (indicator) *E. coli*, ESBL/AmpC *E. coli* (EURL-AR protocol), CPE (RT-PCR AND culture EURL-AR protocol) and 83 for *mcr-1* (colistin resistance gene)(PCR). In total 100 samples were examined for *Campylobacter* also. 1 isolate per sample was ASTested (Micro Broth Dilution TREK EUVSEC and EUVSEC2 panels).

1.1.1.5 Antimicrobial resistance in *Escherichia coli*, non-pathogenic Fish shrimp and aqua cultured fish

Description of sampling designs

MRNT16121 tropical shrimp sampled at retail MRNT1634 imported aquacultured fish and shrimp sampled at BIP analysed for ESBL and CPE (EURL-AR protocols)

Stratification procedures per animal populations and food categories

analysed a.o. for ESBL and CPE (EURL-AR protocols)

Laboratory methodology used for identification of the microbial isolates

morphological suspect colonies from MacConkey plate with cefotaxime (EURL-AMR protocol) were transferred to selective/elective TBX plate.

Laboratory used for detection for resistance

Antimicrobials included in monitoring

Micro Broth Dilution (MBD) was used with commercial (TREK) panels EUVSEC and EUVSEC2 according to (EU/652/2013) Antimicrobials, ranges and cut-off values used are in the isolate based data.

Cut-off values used in testing

cut-off values from EU/652/2013 Annex A were used

1.1.1.6 Antimicrobial resistance in *Escherichia coli*, non-pathogenic *Gallus gallus* (fowl) caeca broilers

Description of sampling designs

E. coli and ESBL/AmpC *E. coli*, CPE and *mcr-1* were investigated in isolates from caeca of broiler at slaughter. Samples were used to isolate *Campylobacter* also.

Stratification procedures per animal populations and food categories

Sampling was performed at the 13 biggest slaughterhouses, who, combined, process > 90% of broilers fattened in the Netherlands. Samples were stratified, roughly, according to the slaughter volumes (2015) of the slaughterhouses. The number of samples to be taken, were evenly distributed over 4 quarter of the year.

Sampling strategy used in monitoring

Type of specimen taken

caecal sample

Procedures for the selection of isolates for antimicrobial testing

300 caecal samples were examined for (indicator) *E. coli*, ESBL/AmpC *E. coli* (EURL-AR protocol), 507 for CPE (RT-PCR AND culture EURL-AR protocol) and 507 for mcr-1 (colistin resistance gene)(PCR). In total 600 samples were examined for *Campylobacter* also. 1 isolate per sample was ASTested (Micro Broth Dilution TREK EUVSEC and EUVSEC2 panels).

Laboratory methodology used for identification of the microbial isolates

MALDI-TOF MS was used for identification

Laboratory used for detection for resistance

Antimicrobials included in monitoring

Micro Broth Dilution (MBD) was used with commercial (TREK) panels EUVSEC and EUVSEC2 according to (EU/652/2013) Antimicrobials, ranges and cut-off values used are in the isolate based data.

Cut-off values used in testing

cut-off values from EU/652/2013 Annex A were used

1.1.1.7 Antimicrobial resistance in *Escherichia coli*, non-pathogenic *Gallus gallus* (fowl) caeca layers

Description of sampling designs

E. coli and ESBL/AmpC *E. coli*, CPE and mcr-1 were investigated in isolates from caeca of laying hens at slaughter. Samples were used to isolate *Campylobacter* also.

Stratification procedures per animal populations and food categories

Sampling was performed at 1 slaughterhouse, the only one in the Netherlands processing spent laying hens.

Randomisation procedures per animal populations and food categories

200 samples of Dutch herds of spent laying hens were planned, 50 per quarter (ca. 4 per week). Sampling of 193 herds was realized.

Sampling strategy used in monitoring

Type of specimen taken

caecal sample

Procedures for the selection of isolates for antimicrobial testing

193 caecal samples were examined for (indicator) *E. coli*, ESBL/AmpC *E. coli* (EURL-AR protocol), CPE (RT-PCR AND culture EURL-AR protocol) and 158 for mcr-1 (colistin resistance gene)(PCR). In total 600 samples were examined for *Campylobacter* also. 1 isolate per sample was ASTested (Micro Broth Dilution TREK EUVSEC and EUVSEC2 panels).

Laboratory methodology used for identification of the microbial isolates

MALDI-TOF MS was used for identification

Laboratory used for detection for resistance

Antimicrobials included in monitoring

Micro Broth Dillution (MBD) was used with commercial (TREK) panels EUVSEC and EUVSEC2 according to (EU/652/2013) Antimicrobials, ranges and cut-off values used are in the isolate based data.

Cut-off values used in testing

cut-off values from EU/652/2013 Annex A were used

1.1.1.8 Antimicrobial resistance in Escherichia coli, non-pathogenic Goats dairy goat/sheep farms

Description of sampling designs

faeces samples from stable, 5x12 scoops for 5 subsamples. Salmonella, Campylobacter, and ESBL E.coli examined. STEC was examined at farm level (

Sampling strategy used in monitoring

Procedures for the selection of isolates for antimicrobial testing

1 ESBL ecoli isolate AST

Laboratory methodology used for identification of the microbial isolates

morphological suspect colonies from MacConkey plate with cefotaxime (EURL-AMR protocol) were transferred to selective/elective TBX plate.

Laboratory used for detection for resistance

Antimicrobials included in monitoring

Micro Broth Dillution (MBD) was used with commercial (TREK) panels EUVSEC and EUVSEC2 according to (EU/652/2013) Antimicrobials, ranges and cut-off values used are in the isolate based data.

Cut-off values used in testing

cut-off values from EU/652/2013 Annex A were used

1.1.1.9 Antimicrobial resistance in Escherichia coli, non-pathogenic Meat from broilers (Gallus gallus) MRNT16116 poultry meat sampled at retail stage

Description of sampling designs

poultry meat sampled at retail stage

Stratification procedures per animal populations and food categories

broiler (obligatory) and/or turkey (voluntary) meat samples were taken by inspector at retail, supermarkets, (butcher)shops. The shops in the inspector's region were visited at random and maximum once per year.

Sampling strategy used in monitoring

Frequency of the sampling

sampling was performed throughout the year and throughout the country

Type of specimen taken

consumer packaged portions of fresh meat were obtained

Procedures for the selection of isolates for antimicrobial testing

(ESBL) suspected colonies were confirmed as e.coli and stored for AMR testing

Laboratory methodology used for identification of the microbial isolates

morphological suspect colonies from MacConkey plate with cefotaxime (EURL-AMR protocol) were transferred to selective/elective TBX plate.

Laboratory used for detection for resistance

Antimicrobials included in monitoring

Micro Broth Dilution (MBD) was used with commercial (TREK) panels EUVSEC and EUVSEC2 according to (EU/652/2013) Antimicrobials, ranges and cut-off values used are in the isolate based data.

Cut-off values used in testing

cut-off values from EU/652/2013 Annex A were used

1.1.1.10 Antimicrobial resistance in Escherichia coli, non-pathogenic Meat, red meat (meat from bovines, pigs, goats, sheep, horses, donkeys, bison and water buffalos) meat and other food from retail

Description of sampling designs

other meat and food samples sampled at retail

Stratification procedures per animal populations and food categories

MRNT16101 meat lamb, goat and sheep MRNT16102 meat calf MRNT16103 meat pig MRNT16105 meat bovine MRNT16132 fresh herb asiatic specialty shops samples randomly taken from random selected shop in all region of the country

Laboratory methodology used for identification of the microbial isolates

morphological suspect colonies from MacConkey plate with cefotaxime (EURL-AMR protocol) were transferred to selective/elective TBX plate.

Laboratory used for detection for resistance

Antimicrobials included in monitoring

Micro Broth Dillution (MBD) was used with commercial (TREK) panels EUVSEC and EUVSEC2 according to (EU/652/2013) Antimicrobials, ranges and cut-off values used are in the isolate based data.

Cut-off values used in testing

cut-off values from EU/652/2013 Annex A were used

1.1.1.11 Antimicrobial resistance in Escherichia coli, non-pathogenic Other food meat and food wholesale

Description of sampling designs

MRNT16P06 sprouted seeds at production (n=5); MRNT16P51 rmeat bovine at freezing storage warehouses (n=5); MRNT16P52 "exotic" meat wholesale (n=1)

Stratification procedures per animal populations and food categories

maximum 1 isolate/batch t AS Tested

Laboratory methodology used for identification of the microbial isolates

morphological suspect colonies from MacConkey plate with cefotaxime (EURL-AMR protocol) were transfered to selective/elective TBX plate.

Laboratory used for detection for resistance

Antimicrobials included in monitoring

Micro Broth Dillution (MBD) was used with commercial (TREK) panels EUVSEC and EUVSEC2 according to (EU/652/2013) Antimicrobials, ranges and cut-off values used are in the isolate based data.

Cut-off values used in testing

cut-off values from EU/652/2013 Annex A were used

1.1.1.12 Antimicrobial resistance in Escherichia coli, non-pathogenic Pigs caeca pigs

Description of sampling designs

E. coli and ESBL/AmpC E. coli, CPE and mcr-1 were investigated in isolates from caeca of pigs at slaughter.

Stratification procedures per animal populations and food categories

A total of 300 caecal samples were taken at the 8 biggest pig slaughterhouses. Only dutch herds were sampled and checked, retrospectively, for duplicates in holdings. Only 1 isolate from unique herds are reported. Amount of samples to be taken per slaughterhouse was stratified according to the total slaughtervolume for the slaughterhouse and planned quarterly.

Sampling strategy used in monitoring

Type of specimen taken

caecal samples

Procedures for the selection of isolates for antimicrobial testing

300 caecal samples were examined for (indicator) *E. coli*, ESBL/AmpC *E. coli* (EURL-AR protocol), CPE (RT-PCR AND culture EURL-AR protocol) and 235 for *mcr-1* (colistin resistance gene)(PCR). 1 isolate per sample was ASTested (Micro Broth Dilution TREK EUVSEC and EUVSEC2 panels).

1.1.1.13 Antimicrobial resistance in *Escherichia coli*, non-pathogenic Spices and herbs fresh herbs import

Description of sampling designs

MRNT1631 batches fresh herbs or spices sampled (n=5) at BIP

Laboratory methodology used for identification of the microbial isolates

morphological suspect colonies from MacConkey plate with cefotaxime (EURL-AMR protocol) were transferred to selective/elective TBX plate.

Laboratory used for detection for resistance

Antimicrobials included in monitoring

Micro Broth Dilution (MBD) was used with commercial (TREK) panels EUVSEC and EUVSEC2 according to (EU/652/2013) Antimicrobials, ranges and cut-off values used are in the isolate based data.

Cut-off values used in testing

cut-off values from EU/652/2013 Annex A were used

1.1.1.14 Antimicrobial resistance in *Escherichia coli*, non-pathogenic Spices and herbs imported frozen poultry preparations

Description of sampling designs

MRNT1632 Frozen imported poultry meat preparation sampled (n=5) at BIP

Laboratory methodology used for identification of the microbial isolates

morphological suspect colonies from MacConkey plate with cefotaxime (EURL-AMR protocol) were transferred to selective/elective TBX plate.

Laboratory used for detection for resistance

Antimicrobials included in monitoring

Micro Broth Dilution (MBD) was used with commercial (TREK) panels EUVSEC and EUVSEC2 according to (EU/652/2013) Antimicrobials, ranges and cut-off values used are in the isolate based data.

Cut-off values used in testing

cut-off values from EU/652/2013 Annex A were used

ANIMAL POPULATION TABLES

Table Susceptible animal population

Animal species	Category of animals	Population		
		holding	animal	slaughter animal (heads)
Cattle (bovine animals)	Cattle (bovine animals)	42,101	4,139,947	
	Cattle (bovine animals) - calves (under 1 year) - for slaughter			1,525,600
	Cattle (bovine animals) - dairy cows and heifers			570,700
Ducks	Ducks - unspecified	56	930,642	
Gallus gallus (fowl)	Gallus gallus (fowl)			628,403,500
	Gallus gallus (fowl) - breeding flocks, unspecified	321	10,222,517	
	Gallus gallus (fowl) - broilers - unspecified	629	49,188,449	
	Gallus gallus (fowl) - laying hens	1,015	46,208,620	
Goats	Goats	19,617	586,609	139,700
Pigs	Pigs - unspecified	10,475	12,478,509	15,373,800
Sheep	Sheep	35,082	1,162,704	
	Sheep - animals over 1 year			551,700
	Sheep - animals under 1 year (lambs)			424,900
Solipeds, domestic	Solipeds, domestic - horses			3,600
Turkeys	Turkeys - unspecified	37	761,988	

DISEASE STATUS TABLES

Table Bovine brucellosis in countries and regions that do not receive Community co-financing for eradication programme

Region	Number of animals serologically tested under investigations of suspect cases	Number of suspended herds under investigations of suspect cases	Number of seropositive animals under investigations of suspect cases	Number of animals positive to BST under investigations of suspect cases	Number of animals positive in microbiological testing under investigations of suspect cases	Number of herds with status officially free	Number of infected herds	Total number of animals	Number of herds tested under surveillance	Number of animals tested under surveillance	Total number of herds	Number of infected herds tested under surveillance	Number of herds tested under surveillance by bulk milk	Number of animals or pools tested under surveillance by bulk milk	Number of infected herds tested under surveillance by bulk milk	Number of notified abortions whatever cause	Number of isolations of Brucella infections	Number of abortions due to Brucella abortus	Number of animals tested by microbiology under investigations of suspect cases
NETHERLANDS	12,231	47	47	0	0	42,101	0	4,304,481	0	0	42,101	0	0	0	0	12,231	0	0	8

Table Ovine or Caprine brucellosis in countries and regions that do not receive Community co-financing for eradication programme

Region	Number of animals serologically tested under investigations of suspect cases	Number of suspended herds under investigations of suspect cases	Number of seropositive animals under investigations of suspect cases	Number of animals positive in microbiological testing under investigations of suspect cases	Number of herds with status officially free	Number of infected herds	Total number of animals	Number of herds tested under surveillance	Number of animals tested under surveillance	Total number of herds	Number of infected herds tested under surveillance	Number of animals tested by microbiology under investigations of suspect cases
NETHERLANDS	2	0	0	0	41,066	0	1,749,363	1,535	18,424	41,066	0	0

DISEASE STATUS TABLES

Table Bovine tuberculosis in countries and regions that do not receive Community co-financing for eradication programme

Region	Number of herds with status officially free	Number of infected herds	Total number of animals	Number of animals with suspicious lesions of tuberculosis examined and submitted to histopathological and bacteriological examinations	Number of animals detected positive in bacteriological examination	Total number of herds
NETHERLANDS	42,101	0	4,304,481	10	0	42,101

PREVALENCE TABLES

Table BRUCELLA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Dogs - Veterinary clinics - Bulgaria - animal sample - blood - Clinical investigations - Official sampling - Suspect sampling	animal	2	2	Brucella canis	2
	Dogs - Veterinary clinics - Not Available - animal sample - blood - Clinical investigations - Official sampling - Suspect sampling	animal	11	1	Brucella suis - biovar 1	1
	Dogs - Veterinary clinics - Romania - animal sample - blood - Clinical investigations - Official sampling - Suspect sampling	animal	2	2	Brucella canis	2
	Pigs - Farm - Not Available - Not Available - Clinical investigations - Official sampling - Objective sampling	animal	6156	0	Brucella	0

Table CAMPYLOBACTER in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Birds - Veterinary clinics - Not Available - Not Available - Clinical investigations - Not applicable - Suspect sampling	animal	17	5	Campylobacter, unspecified sp.	5
	Cats - Veterinary clinics - Not Available - Not Available - Clinical investigations - Not applicable - Suspect sampling	animal	186	6	Campylobacter, unspecified sp.	6
	Cattle (bovine animals) - calves (under 1 year) - Farm - Not Available - Not Available - Clinical investigations - Not applicable - Suspect sampling	animal	42	1	Campylobacter, unspecified sp.	1
	Cattle (bovine animals) - Farm - Not Available - Not Available - Monitoring - Not applicable - Objective sampling	animal	2898	0	Campylobacter	0
	Dogs - Veterinary clinics - Not Available - Not Available - Clinical investigations - Not applicable - Suspect sampling	animal	475	43	Campylobacter, unspecified sp.	43
	Goats - Farm - Not Available - Not Available - Clinical investigations - HACCP and own check - Not specified	animal	301	0	Campylobacter	0
	Goats - milk goats - Farm - Netherlands - animal sample - faeces - Surveillance - Official sampling - Objective sampling	herd/flock	179	64	Campylobacter, unspecified sp.	64
	Monkeys - zoo animal - Veterinary clinics - Not Available - Not Available - Clinical investigations - Not applicable - Suspect sampling	animal	73	17	Campylobacter, unspecified sp.	17
	Other animals - exotic pet animals - Veterinary clinics - Not Available - Not Available - Clinical investigations - Not applicable - Suspect sampling	animal	30	10	Campylobacter, unspecified sp.	10
	Pigs - Farm - Not Available - Not Available - Clinical investigations - HACCP and own check - Objective sampling	animal	2422	0	Campylobacter	0
	Sheep - Farm - Not Available - Not Available - Clinical investigations - HACCP and own check - Not specified	animal	452	6	Campylobacter, unspecified sp.	6
	Sheep - milk ewes - Farm - Netherlands - animal sample - faeces - Surveillance - Official sampling - Objective sampling	herd/flock	24	1	Campylobacter, unspecified sp.	1
	Solipeds, domestic - horses - Farm - Not Available - Not Available - Clinical investigations - Not applicable - Suspect sampling	animal	316	13	Campylobacter, unspecified sp.	13

Table CAMPYLOBACTER in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from bovine animals - fresh - Retail - European Union - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	503	5	Campylobacter, unspecified sp.	5
	Meat from broilers (Gallus gallus) - fresh - chilled - Retail - European Union - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	475	130	Campylobacter, unspecified sp.	130
	Meat from broilers (Gallus gallus) - fresh - chilled - Retail - European Union - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	534	9	Campylobacter, unspecified sp.	9
	Meat from goat - fresh - Retail - European Union - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	26	2	Campylobacter, unspecified sp.	2
	Meat from pig - fresh - Retail - European Union - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	270	0	Campylobacter	0
	Meat from sheep - fresh - Retail - European Union - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	138	12	Campylobacter, unspecified sp.	12
	Meat from turkey - fresh - chilled - Retail - European Union - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	251	26	Campylobacter, unspecified sp.	26
	Meat from turkey - fresh - chilled - Retail - European Union - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	189	1	Campylobacter, unspecified sp.	1
	Milk, cows' - raw milk - intended for direct human consumption - Farm - Netherlands - food sample - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	36	0	Campylobacter	0

Table COXIELLA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	N of clinical affected herds	Zoonoses	N of units positive
Not Available	Cattle (bovine animals) - Veterinary clinics - Not Available - Not Available - Clinical investigations - Not applicable - Suspect sampling	animal	419	5		Coxiella burnetii	5
	Goats - Farm - Not Available - Not Available - Clinical investigations - HACCP and own check - Not specified	animal	301	0		Coxiella	0
	Goats - Farm - Not Available - Not Available - Monitoring - active - Official sampling - Objective sampling	animal	363	0		Coxiella	0
	Sheep - Farm - Not Available - Not Available - Clinical investigations - HACCP and own check - Not specified	animal	452	0		Coxiella	0
	Sheep - Farm - Not Available - Not Available - Monitoring - active - Official sampling - Objective sampling	animal	28	0		Coxiella	0

Table ECHINOCOCCUS in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Cattle (bovine animals) - Slaughterhouse - Not Available - Not Available - Monitoring - passive - Official, based on Regulation 854/2004 - Not specified	animal	1	0	Echinococcus	0

Table ESCHERICHIA COLI in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Goats - milk goats - Farm - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling	herd/flock	182	164	VTEC O1	9
					VTEC O112	1
					VTEC O113	12
					VTEC O12	3
					VTEC O128	5
					VTEC O134	2
					VTEC O141	2
					VTEC O146	33
					VTEC O15	3
					VTEC O153	1
					VTEC O166	20
					VTEC O176	4
					VTEC O178	2
					VTEC O182	1
					VTEC O21	4
					VTEC O26	2
					VTEC O38	1
					VTEC O43	5
					VTEC O5	8
					VTEC O6	6
					VTEC O65	1
					VTEC O76	30
					VTEC O87	1
					VTEC O91	1
					VTEC O92	2
					VTEC Orough	5
	Sheep - milk ewes - Farm - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling	herd/flock	24	18	VTEC O1	1
					VTEC O104	1
					VTEC O146	6
					VTEC O148	1
					VTEC O166	1
					VTEC O175	1
					VTEC O176	1
					VTEC O182	2
					VTEC O5	1
					VTEC O76	1
					VTEC O77	1
					VTEC O87	1

Table ESCHERICHIA COLI in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Wholesale - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed d)	25	Gram	19	1	VTEC O38	1
	Cheeses made from goats' milk - soft and semi-soft - made from raw or low heat-treated milk - Wholesale - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed d)	25	Gram	15	2	VTEC O177	1
							VTEC O8	1
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Wholesale - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed d)	25	Gram	3	0	Verocytotoxigenic E. coli (VTEC)	0
	Crustaceans - shrimps - raw - frozen - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed d)	25	Gram	96	0	Verocytotoxigenic E. coli (VTEC)	0
	Foodstuffs intended for special nutritional uses - ready-to-eat - Wholesale - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed d)	25	Gram	303	1	VTEC O146	1
	Fruits and vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed d)	25	Gram	72	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from bovine animals - fresh - Conservation facilities - Not Available - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/feed d)	25	Gram	59	3	VTEC O171	1
							VTEC O22	1
							VTEC O8	1
	Meat from bovine animals - fresh - Retail - Not Available - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/feed d)	25	Gram	506	4	VTEC O113	2
							VTEC O157	4
							VTEC O8	2
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/feed d)	25	Gram	167	8	VTEC O113	3
							VTEC O153	1
							VTEC O182	1
							VTEC O22	1
							VTEC O39	1
	Meat from bovine animals - meat preparation - intended to be eaten raw - Retail - Not Available - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/feed d)	25	Gram	308	3	VTEC O76	1
							VTEC O108	1
							VTEC O39	1
	Meat from broilers (Gallus gallus) - fresh - chilled - Retail - Not Available - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/feed d)	25	Gram	208	1	VTEC other than O157 O26 O103 O111 O145	1
							VTEC O23	1
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/feed d)	25	Gram	270	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from goat - fresh - Retail - Not Available - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/feed d)	25	Gram	27	3	VTEC O146	1
							VTEC O15	1
							VTEC other than O157 O26 O103 O111 O145	1
	Meat from other animal species or not specified - fresh - frozen - Wholesale - Not Available - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/feed d)	25	Gram	68	8	VTEC O112	1
							VTEC O113	1
							VTEC O121	1
							VTEC O188	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from other animal species or not specified - fresh - frozen - Wholesale - Not Available - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/food/fee d)	25	Gram	68	8	VTEC O27	1
							VTEC O7	1
							VTEC other than O157 O26 O103 O111 O145	2
	Meat from pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/food/fee d)	25	Gram	161	2	VTEC O146	1
							VTEC O174	1
	Meat from sheep - fresh - Conservation facilities - Not Available - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from sheep - fresh - Retail - Not Available - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/food/fee d)	25	Gram	143	18	VTEC O108	1
							VTEC O113	1
							VTEC O14	1
							VTEC O146	2
							VTEC O15	1
							VTEC O168	1
							VTEC O176	1
							VTEC O38	2
							VTEC O6	3
							VTEC O65	1
							VTEC O76	1
							VTEC O87	2
							VTEC O91	1
	Meat from sheep - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/food/fee d)	25	Gram	10	2	VTEC O146	2
	Meat from turkey - fresh - chilled - Retail - Not Available - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/food/fee d)	25	Gram	189	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from turkey - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/food/fee d)	25	Gram	68	2	VTEC O38	1
							VTEC O77	1
	Milk, cows' - raw milk - intended for direct human consumption - Farm - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/food/fee d)	25	Gram	36	2	VTEC O150	1
							VTEC O22	1
	Other processed food products and prepared dishes - legumes based dishes - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/food/fee d)	25	Gram	307	0	Verocytotoxigenic E. coli (VTEC)	0
	Seeds, sprouted - Processing plant - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/food/fee d)	25	Gram	21	0	Verocytotoxigenic E. coli (VTEC)	0
	Spices and herbs - dried - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/food/fee d)	25	Gram	294	0	Verocytotoxigenic E. coli (VTEC)	0
	Spices and herbs - fresh - Border inspection activities - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/food/fee d)	25	Gram	72	2	VTEC O55	1
							VTEC other than O157 O26 O103 O111 O145	1
	Spices and herbs - fresh - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/food/fee d)	25	Gram	198	4	VTEC O130	1
							VTEC O166	1
							VTEC O174	1
							VTEC O39	1

Table LISTERIA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Cattle (bovine animals) - unspecified - Veterinary clinics - Not Available - Not Available - Clinical investigations - Not applicable - Suspect sampling	animal	1	1	Listeria spp., unspecified	1
	Cattle (bovine animals) - Veterinary clinics - Not Available - Not Available - Clinical investigations - Not applicable - Suspect sampling	animal	2898	12	Listeria spp., unspecified	12
			15829	1	Listeria spp., unspecified	1
	Goats - Farm - Not Available - Not Available - Clinical investigations - HACCP and own check - Not specified	animal	301	16	Listeria spp., unspecified	16
	Goats - milk goats - Farm - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling	herd/flock	182	16	Listeria monocytogenes	16
	Monkeys - zoo animal - Veterinary clinics - Not Available - Not Available - Clinical investigations - Not applicable - Suspect sampling	animal	3	2	Listeria spp., unspecified	2
	Pigs - Farm - Not Available - Not Available - Clinical investigations - HACCP and own check - Not specified	animal	2422	0	Listeria	0
	Sheep - Farm - Not Available - Not Available - Clinical investigations - HACCP and own check - Not specified	animal	452	21	Listeria spp., unspecified	21
	Sheep - milk ewes - Farm - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling	herd/flock	24	5	Listeria monocytogenes	5

Table LISTERIA in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Wholesale - Not Available - food sample - Monitoring - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	31	0	<= 100	Listeria monocytogenes	31	0
							>100	Listeria monocytogenes	31	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Wholesale - Not Available - food sample - Monitoring - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	31	0	detection	Listeria monocytogenes	31	0
	Cheeses made from goats' milk - soft and semi-soft - made from raw or low heat-treated milk - Wholesale - Not Available - food sample - Monitoring - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	25	0	<= 100	Listeria monocytogenes	25	0
							>100	Listeria monocytogenes	25	0
	Cheeses made from goats' milk - soft and semi-soft - made from raw or low heat-treated milk - Wholesale - Not Available - food sample - Monitoring - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	25	0	detection	Listeria monocytogenes	25	0
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Wholesale - Not Available - food sample - Monitoring - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	5	0	<= 100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Wholesale - Not Available - food sample - Monitoring - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	5	0	detection	Listeria monocytogenes	5	0
	Crustaceans - shrimps - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed d)	25	Gram	147	0	<= 100	Listeria monocytogenes	147	0
							>100	Listeria monocytogenes	147	0
	Crustaceans - shrimps - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed d)	25	Gram	147	0	detection	Listeria monocytogenes	147	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed d)	25	Gram	305	0	<= 100	Listeria monocytogenes	305	0
							>100	Listeria monocytogenes	305	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed d)	25	Gram	305	0	detection	Listeria monocytogenes	305	0
	Fish - smoked - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed d)	25	Gram	160	1	<= 100	Listeria monocytogenes	160	0
							>100	Listeria monocytogenes	160	0
	Fish - smoked - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed d)	25	Gram	160	1	detection	Listeria monocytogenes	160	1
					256	0	<= 100	Listeria monocytogenes	256	0
					340	2	<= 100	Listeria monocytogenes	340	2
	Fishery products, unspecified - non-ready-to-eat - chilled - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed d)	25	Gram	200	0	<= 100	Listeria monocytogenes	200	0
							>100	Listeria monocytogenes	200	0
	Fishery products, unspecified - non-ready-to-eat - chilled - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed d)	25	Gram	200	0	detection	Listeria monocytogenes	200	0
	Fishery products, unspecified - non-ready-to-eat - chilled - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed d)	25	Gram	101	0	<= 100	Listeria monocytogenes	101	0
							>100	Listeria monocytogenes	101	0
	Fishery products, unspecified - non-ready-to-eat - chilled - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed d)	25	Gram	101	0	detection	Listeria monocytogenes	101	0
	Meat from bovine animals - fresh - Conservation facilities - Not Available - food sample - Monitoring - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	59	13	<= 100	Listeria monocytogenes	59	0
							>100	Listeria monocytogenes	59	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Meat from bovine animals - fresh - Conservation facilities - Not Available - food sample - Monitoring - Official sampling - Objective sampling	batch (food/feed)	25	Gram	59	13	detection	Listeria monocytogenes	59	13
	Meat from bovine animals - fresh - Retail - Not Available - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	301	24	<= 100	Listeria monocytogenes	301	0
							>100	Listeria monocytogenes	301	0
	Meat from bovine animals - fresh - Retail - Not Available - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	301	24	detection	Listeria monocytogenes	301	24
							<= 100	Listeria monocytogenes	306	0
	Meat from bovine animals - meat preparation - intended to be eaten raw - Retail - Not Available - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	306	31	>100	Listeria monocytogenes	306	0
							detection	Listeria monocytogenes	306	31
	Meat from broilers (Gallus gallus) - fresh - chilled - Retail - Not Available - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	208	59	<= 100	Listeria monocytogenes	208	0
							>100	Listeria monocytogenes	208	0
	Meat from broilers (Gallus gallus) - fresh - chilled - Retail - Not Available - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	208	59	detection	Listeria monocytogenes	208	59
							<= 100	Listeria monocytogenes	39	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	39	0	>100	Listeria monocytogenes	39	0
							detection	Listeria monocytogenes	39	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	39	0	<= 100	Listeria monocytogenes	39	0
							>100	Listeria monocytogenes	39	0
	Meat from other animal species or not specified - meat products - pâté - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	220	1	<= 100	Listeria monocytogenes	220	0
							>100	Listeria monocytogenes	220	0
	Meat from other animal species or not specified - meat products - pâté - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	220	1	detection	Listeria monocytogenes	220	1
							<= 100	Listeria monocytogenes	1	0
	Meat from sheep - fresh - Conservation facilities - Not Available - food sample - Monitoring - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	>100	Listeria monocytogenes	1	0
							detection	Listeria monocytogenes	1	0
	Meat from sheep - fresh - Conservation facilities - Not Available - food sample - Monitoring - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Meat from turkey - fresh - chilled - Retail - Not Available - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	189	34	<= 100	Listeria monocytogenes	189	0
							>100	Listeria monocytogenes	189	0
	Meat from turkey - fresh - chilled - Retail - Not Available - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	189	34	detection	Listeria monocytogenes	189	34
							<= 100	Listeria monocytogenes	355	0
	Meat, red meat (meat from bovines, pigs, goats, sheep, horses, donkeys, bison and water buffalos) - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	355	1	>100	Listeria monocytogenes	355	0
							detection	Listeria monocytogenes	355	1
	Meat, red meat (meat from bovines, pigs, goats, sheep, horses, donkeys, bison and water buffalos) - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	355	1	<= 100	Listeria monocytogenes	36	0
							>100	Listeria monocytogenes	36	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Milk, cows' - raw milk - intended for direct human consumption - Farm - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed d)	25	Gram	36	0	detection	Listeria monocytogenes	36	0
	Other processed food products and prepared dishes - legumes based dishes - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed d)	25	Gram	300	3	<= 100	Listeria monocytogenes	300	3
							>100	Listeria monocytogenes	300	3
	Other processed food products and prepared dishes - legumes based dishes - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed d)	25	Gram	300	3	detection	Listeria monocytogenes	300	3
	Other processed food products and prepared dishes - vegetarian pâté - Processing plant - Not Available - food sample - Monitoring - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	135	1	<= 100	Listeria monocytogenes	135	0
							>100	Listeria monocytogenes	135	0
	Other processed food products and prepared dishes - vegetarian pâté - Processing plant - Not Available - food sample - Monitoring - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	135	1	detection	Listeria monocytogenes	135	1
	Seeds, sprouted - Processing plant - Not Available - food sample - Monitoring - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	40	0	<= 100	Listeria monocytogenes	40	0
							>100	Listeria monocytogenes	40	0
	Seeds, sprouted - Processing plant - Not Available - food sample - Monitoring - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	40	0	detection	Listeria monocytogenes	40	0
	Vegetables - products - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed d)	25	Gram	120	0	<= 100	Listeria monocytogenes	120	0
							>100	Listeria monocytogenes	120	0
	Vegetables - products - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed d)	25	Gram	120	0	detection	Listeria monocytogenes	120	0

Table LYSSAVIRUS in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Bats - wild - Natural habitat - Not Available - Not Available - Clinical investigations - Official sampling - Suspect sampling	animal	17	9	European bat lyssavirus 1	9
	Cats - Veterinary clinics - Not Available - Not Available - Clinical investigations - Official sampling - Suspect sampling	animal	10	0	Lyssavirus	0
	Dogs - Veterinary clinics - Not Available - Not Available - Clinical investigations - Official sampling - Suspect sampling	animal	7	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Not Available - Not Available - Clinical investigations - Official sampling - Suspect sampling	animal	4	0	Lyssavirus	0

Table MYCOBACTERIUM in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Goats - Farm - Not Available - Not Available - Clinical investigations - HACCP and own check - Not specified	animal	301	6	Mycobacterium avium subsp. paratuberculosis	6
	Pigs - Farm - Not Available - Not Available - Clinical investigations - HACCP and own check - Not specified	animal	2422	0	Mycobacterium	0
	Sheep - Farm - Not Available - Not Available - Clinical investigations - HACCP and own check - Not specified	animal	452	0	Mycobacterium	0

Table SALMONELLA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Birds - Veterinary clinics - Not Available - Not Available - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	6	3	Salmonella group B	3
	Cats - Veterinary clinics - Not Available - Not Available - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	186	1	Salmonella group C	1
	Cattle (bovine animals) - adult cattle over 2 years - Farm - Not Available - Not Available - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	86	2	Salmonella group D	2
	Cattle (bovine animals) - calves (under 1 year) - Farm - Not Available - Not Available - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	42	3	Salmonella group B	3
	Cattle (bovine animals) - Farm - Not Available - Not Available - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	2898	241	Salmonella Dublin	91
							Salmonella spp., unspecified	66
							Salmonella Typhimurium	84
	Cattle (bovine animals) - Farm - Not Available - Not Available - Control and eradication programmes - Not applicable - Selective sampling	animal		N_A	12641	714	Salmonella Dublin	87
							Salmonella spp., unspecified	482
							Salmonella Typhimurium	145
	Dogs - Veterinary clinics - Not Available - Not Available - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	2701	16	Salmonella group B	8
							Salmonella group C	3
							Salmonella group D	4
							Salmonella group E	1
	Ferrets - Veterinary clinics - Not Available - Not Available - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	1	1	Salmonella group C	1
	Gallus gallus (fowl) - breeding flocks, unspecified - adult - Farm - Not Available - environmental sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock		Y	1669	10	Salmonella Enteritidis	9
							Salmonella Java	1
	Gallus gallus (fowl) - broilers - before slaughter - Farm - Not Available - environmental sample - boot swabs - Control and eradication programmes - Official and industry sampling - Census	herd/flock		Y	16763	27	Salmonella spp., unspecified	27
	Gallus gallus (fowl) - laying hens - adult - Farm - Not Available - environmental sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock		Y	2578	27	Salmonella Enteritidis	24
							Salmonella Typhimurium	3
	Goats - Farm - Not Available - Not Available - Clinical investigations - HACCP and own check - Not specified	animal		N_A	301	6	Salmonella spp., unspecified	6
	Goats - milk goats - Farm - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling	herd/flock		N_A	182	1	Salmonella Enterica, unspecified	1
	Monkeys - zoo animal - Veterinary clinics - Not Available - Not Available - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	6	1	Salmonella group C	1
	Pigeons - Farm - Not Available - Not Available - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	20	1	Salmonella group B	1
	Psittacidae - Veterinary clinics - Not Available - Not Available - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	4	1	Salmonella group B	1
	Reptiles - farmed - Veterinary clinics - Not Available - Not Available - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	8	4	Salmonella group B	1
							Salmonella group E	1
							Salmonella spp., unspecified	2
	Sheep - Farm - Not Available - Not Available - Clinical investigations - HACCP and own check - Not specified	animal		N_A	452	2	Salmonella spp., unspecified	2
	Sheep - milk ewes - Farm - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling	herd/flock		N_A	24	4	Salmonella enterica, subspecies diarizonae	4
	Solipeds, domestic - horses - Farm - Not Available - Not Available - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	169	17	Salmonella group B	5
							Salmonella group C	11
							Salmonella group D	1
	Turkeys - fattening flocks - before slaughter - Farm - Not Available - environmental sample - boot swabs - Control and eradication programmes - Official and industry sampling - Census	herd/flock		Y	5	0	Salmonella	0

Table SALMONELLA in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Wholesale - Not Available - food sample - Monitoring - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	19	0	Salmonella	0
	Cheeses made from goats' milk - soft and semi-soft - made from raw or low heat-treated milk - Wholesale - Not Available - food sample - Monitoring - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	15	0	Salmonella	0
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Wholesale - Not Available - food sample - Monitoring - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	3	0	Salmonella	0
	Crustaceans - shrimps - cooked - Border inspection activities - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	17	0	Salmonella	0
	Crustaceans - shrimps - cooked - Conservation facilities - Not Available - food sample - Monitoring - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	21	0	Salmonella	0
	Crustaceans - shrimps - raw - frozen - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	96	0	Salmonella	0
	Crustaceans - shrimps - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	165	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	287	0	Salmonella	0
	Fish - smoked - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	176	0	Salmonella	0
					297	0	Salmonella	0
					344	0	Salmonella	0
	Fish (food) - Border inspection activities - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	17	0	Salmonella	0
					19	0	Salmonella	0
	Fishery products, unspecified - non-ready-to-eat - chilled - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	202	0	Salmonella	0
	Fishery products, unspecified - non-ready-to-eat - chilled - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	101	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - ready-to-eat - Wholesale - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	303	1	Salmonella Dallgow	1
	Fruits and vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	73	0	Salmonella	0
	Meat from bovine animals - fresh - Conservation facilities - Not Available - food sample - Monitoring - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	59	0	Salmonella	0
	Meat from bovine animals - fresh - Retail - Not Available - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	507	2	Salmonella Dublin	1
							Salmonella Enteritidis	1
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	167	1	Salmonella Typhimurium, monophasic	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from bovine animals - meat preparation - intended to be eaten raw - Retail - Not Available - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/feeder)	25	Gram	307	1	Salmonella Dublin	1
	Meat from broilers (Gallus gallus) - carcass - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - Official sampling - Objective sampling	slaughter animal batch		Not Available	17	1	Salmonella Enteritidis	1
	Meat from broilers (Gallus gallus) - carcass - spent hens - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - Industry sampling - Objective sampling	slaughter animal batch		Not Available	4379	269	Salmonella 1,4,12:i:-	2
							Salmonella 4,12:i:-	2
							Salmonella Anatum	1
							Salmonella Corvallis	2
							Salmonella enterica, subspecies diarizonae	1
							Salmonella Enteritidis	55
							Salmonella Gallinarum biovar Pullorum	1
							Salmonella Give	2
							Salmonella Infantis	20
							Salmonella Newport	1
							Salmonella Paratyphi	7
							Salmonella spp., unspecified	170
							Salmonella Taksony	1
							Salmonella Tennessee	1
							Salmonella Typhimurium	3
	Meat from broilers (Gallus gallus) - carcass - spent hens - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - Official sampling - Objective sampling	slaughter animal batch		Not Available	245	29	Salmonella spp., unspecified	29
	Meat from broilers (Gallus gallus) - fresh - chilled - Retail - Not Available - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/feeder)	25	Gram	208	5	Salmonella Gaminara	1
							Salmonella Infantis	3
							Salmonella Paratyphi	1
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Border inspection activities - Not Available - food sample - meat - Monitoring - Official sampling - Objective sampling	batch (food/feeder)	25	Gram	57	2	Salmonella Enteritidis	1
							Salmonella Schwarzengrund	1
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feeder)	25	Gram	39	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/feeder)	25	Gram	269	5	Salmonella Infantis	2
							Salmonella Paratyphi	1
							Salmonella Virchow	2
	Meat from goat - fresh - Retail - Not Available - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/feeder)	25	Gram	26	1	Salmonella enterica, subspecies diarizonae	1
	Meat from other animal species or not specified - fresh - frozen - Wholesale - Not Available - food sample - Monitoring - Official sampling - Objective sampling	batch (food/feeder)	25	Gram	69	2	Salmonella Eastbourne	1
							Salmonella Molade	1
	Meat from pig - carcass - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - Industry sampling - Objective sampling	single (food/feeder)	100	Square centimetre	5503	155	Salmonella spp., unspecified	155
	Meat from pig - carcass - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - Official sampling - Objective sampling	single (food/feeder)	400	Square centimetre	402	17	Salmonella spp., unspecified	17

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from pig - fresh - Retail - Not Available - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	271	1	Salmonella Infantis	1
	Meat from pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	157	0	Salmonella	0
	Meat from sheep - fresh - Conservation facilities - Not Available - food sample - Monitoring - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from sheep - fresh - Retail - Not Available - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	140	2	Salmonella enterica, subspecies diarizonae	1
							Salmonella Typhimurium	1
	Meat from sheep - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	10	0	Salmonella	0
	Meat from turkey - fresh - chilled - Retail - Not Available - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	189	1	Salmonella Hadar	1
	Meat from turkey - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - meat - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	68	0	Salmonella	0
	Meat, red meat (meat from bovines, pigs, goats, sheep, horses, donkeys, bison and water buffalos) - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	49	0	Salmonella	0
	Milk, cows' - raw milk - intended for direct human consumption - Farm - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	36	0	Salmonella	0
	Other processed food products and prepared dishes - legumes based dishes - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	307	1	Salmonella Tennessee	1
	Seeds, dried - Border inspection activities - Not Available - food sample - Monitoring - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	114	4	Salmonella Chester	1
							Salmonella Coeln	1
							Salmonella Ruiru	1
							Salmonella Senftenberg	1
	Seeds, sprouted - Processing plant - Not Available - food sample - Monitoring - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	21	0	Salmonella	0
	Spices and herbs - dried - Border inspection activities - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	23	0	Salmonella	0
	Spices and herbs - dried - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	294	2	Salmonella Coromandel	1
							Salmonella Typhimurium	1
	Spices and herbs - fresh - Border inspection activities - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	50	10	Salmonella Anatum	1
							Salmonella Augustenborg	1
							Salmonella Chester	1
							Salmonella spp., unspecified	1
							Salmonella Stanley	1
							Salmonella Typhimurium, monophasic	2
							Salmonella Virchow	2
							Salmonella Weltevreden	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Spices and herbs - fresh - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	196	7	Salmonella Enteritidis	1
							Salmonella Kentucky	1
							Salmonella London	2
							Salmonella spp., unspecified	1
							Salmonella Stanley	1
							Salmonella Typhimurium, monophasic	1
	Vegetables - products - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	120	0	Salmonella	0

Table SALMONELLA in feed

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Compound feedingstuffs for cattle - process control - Processing plant - Not Available - Not Available - Monitoring - HACCP and own check - Objective sampling	batch (food/feed d)	25	Gram	1554	2	Salmonella	2
	Compound feedingstuffs for horses - process control - Processing plant - Not Available - Not Available - Monitoring - HACCP and own check - Objective sampling	batch (food/feed d)	25	Gram	39	0	Salmonella	0
	Compound feedingstuffs for pigs - process control - Processing plant - Not Available - Not Available - Monitoring - HACCP and own check - Objective sampling	batch (food/feed d)	25	Gram	1765	7	Salmonella	7
	Compound feedingstuffs for poultry (non specified) - process control - Processing plant - Not Available - Not Available - Monitoring - HACCP and own check - Objective sampling	batch (food/feed d)	25	Gram	1346	1	Salmonella Agona	1
	Compound feedingstuffs for poultry, breeders - process control - Processing plant - Not Available - Not Available - Monitoring - HACCP and own check - Objective sampling	batch (food/feed d)	25	Gram	888	0	Salmonella	0
	Compound feedingstuffs for poultry, broilers - process control - Processing plant - Not Available - Not Available - Monitoring - HACCP and own check - Objective sampling	batch (food/feed d)	25	Gram	2519	1	Salmonella Panama	1
	Compound feedingstuffs for poultry, laying hens - process control - Processing plant - Not Available - Not Available - Monitoring - HACCP and own check - Objective sampling	batch (food/feed d)	25	Gram	3299	3	Salmonella Agona	2
							Salmonella Enteritidis	1
	Compound feedingstuffs for rabbits - process control - Processing plant - Not Available - Not Available - Monitoring - HACCP and own check - Objective sampling	batch (food/feed d)	25	Gram	8	0	Salmonella	0
	Compound feedingstuffs for sheep - process control - Processing plant - Not Available - Not Available - Monitoring - HACCP and own check - Objective sampling	batch (food/feed d)	25	Gram	32	0	Salmonella	0
	Compound feedingstuffs for turkeys - process control - Processing plant - Not Available - Not Available - Monitoring - HACCP and own check - Objective sampling	batch (food/feed d)	25	Gram	115	0	Salmonella	0
	Compound feedingstuffs, not specified - process control - Processing plant - Not Available - Not Available - Monitoring - HACCP and own check - Objective sampling	batch (food/feed d)	25	Gram	84	1	Salmonella	1
	Feed material of cereal grain origin - barley derived - Processing plant - Not Available - Not Available - Monitoring - HACCP and own check - Objective sampling	batch (food/feed d)	25	Gram	52	0	Salmonella	0
	Feed material of cereal grain origin - maize derived - Processing plant - Not Available - Not Available - Monitoring - HACCP and own check - Objective sampling	batch (food/feed d)	25	Gram	451	8	Salmonella	1
							Salmonella GIVE	1
							Salmonella Mbandaka	4
							Salmonella Tennessee	1
							Salmonella Typhimurium	1
	Feed material of cereal grain origin - oat derived - Processing plant - Not Available - Not Available - Monitoring - HACCP and own check - Objective sampling	batch (food/feed d)	25	Gram	36	0	Salmonella	0
	Feed material of cereal grain origin - other cereal grain derived - by-products of brewing and distilling - Processing plant - Not Available - Not Available - Monitoring - HACCP and own check - Objective sampling	batch (food/feed d)	25	Gram	24	0	Salmonella	0
	Feed material of cereal grain origin - other cereal grain derived - Processing plant - Not Available - Not Available - Monitoring - HACCP and own check - Objective sampling	batch (food/feed d)	25	Gram	3	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Feed material of cereal grain origin - rice derived - Processing plant - Not Available - Not Available - Monitoring - HACCP and own check - Objective sampling	batch (food/feed)	25	Gram	6	0	Salmonella	0
	Feed material of cereal grain origin - wheat derived - Processing plant - Not Available - Not Available - Monitoring - HACCP and own check - Objective sampling	batch (food/feed)	25	Gram	263	0	Salmonella	0
	Feed material of land animal origin - dairy products - Processing plant - Not Available - Not Available - Monitoring - HACCP and own check - Objective sampling	batch (food/feed)	25	Gram	8	0	Salmonella	0
	Feed material of land animal origin - dairy products - whey powder - Processing plant - Not Available - Not Available - Monitoring - HACCP and own check - Objective sampling	batch (food/feed)	25	Gram	65	0	Salmonella	0
	Feed material of land animal origin - egg powder - Processing plant - Not Available - Not Available - Monitoring - HACCP and own check - Objective sampling	batch (food/feed)	25	Gram	2	0	Salmonella	0
	Feed material of oil seed or fruit origin - linseed derived - Processing plant - Not Available - Not Available - Monitoring - HACCP and own check - Objective sampling	batch (food/feed)	25	Gram	18	1	Salmonella Anatum	1
	Feed material of oil seed or fruit origin - other oil seeds derived - Processing plant - Not Available - Not Available - Monitoring - HACCP and own check - Objective sampling	batch (food/feed)	25	Gram	2	0	Salmonella	0
	Feed material of oil seed or fruit origin - palm kernel derived - Processing plant - Not Available - Not Available - Monitoring - HACCP and own check - Objective sampling	batch (food/feed)	25	Gram	39	0	Salmonella	0
	Feed material of oil seed or fruit origin - rape seed derived - Processing plant - Not Available - Not Available - Monitoring - HACCP and own check - Objective sampling	batch (food/feed)	25	Gram	648	4	Salmonella Agona	3
							Salmonella Idikan	1
	Feed material of oil seed or fruit origin - soya (bean) derived - Processing plant - Not Available - Not Available - Monitoring - HACCP and own check - Objective sampling	batch (food/feed)	25	Gram	1393	16	Salmonella	4
							Salmonella Agona	1
							Salmonella Fresno	1
							Salmonella Idikan	1
							Salmonella Livingstone	2
							Salmonella Mbandaka	3
							Salmonella Rissen	1
							Salmonella Senftenberg	1
							Salmonella Typhimurium	1
							Salmonella Yoruba	1
	Feed material of oil seed or fruit origin - sunflower seed derived - Processing plant - Not Available - Not Available - Monitoring - HACCP and own check - Objective sampling	batch (food/feed)	25	Gram	443	4	Salmonella Agona	1
							Salmonella Cubana	1
							Salmonella Mbandaka	1
							Salmonella Panama	1
	Other feed material - plants - Processing plant - Not Available - Not Available - Monitoring - HACCP and own check - Objective sampling	batch (food/feed)	25	Gram	10	0	Salmonella	0
	Other feed material - Processing plant - Not Available - Not Available - Monitoring - HACCP and own check - Objective sampling	batch (food/feed)	25	Gram	219	9	Salmonella Infantis	6
							Salmonella Typhimurium	2
							Salmonella Virchow	1
	Other feed material - straws - Processing plant - Not Available - Not Available - Monitoring - HACCP and own check - Objective sampling	batch (food/feed)	25	Gram	7	1	Salmonella Typhimurium	1
	Premixtures - process control - Processing plant - Not Available - Not Available - Monitoring - HACCP and own check - Objective sampling	batch (food/feed)	25	Gram	81	0	Salmonella	0

Table STAPHYLOCOCCUS AUREUS METICILLIN RESISTANT (MRSA) in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Cats - Veterinary clinics - Not Available - Not Available - Clinical investigations - Not applicable - Suspect sampling	animal	438	3	Methicillin resistant Staphylococcus aureus (MRSA)	3
	Cattle (bovine animals) - dairy cows - Veterinary clinics - Not Available - Not Available - Clinical investigations - Not applicable - Suspect sampling	animal	1542	10	Methicillin resistant Staphylococcus aureus (MRSA)	10
	Dogs - Veterinary clinics - Not Available - Not Available - Clinical investigations - Not applicable - Suspect sampling	animal	3460	8	Methicillin resistant Staphylococcus aureus (MRSA)	8
	Monkeys - zoo animal - Veterinary clinics - Not Available - Not Available - Clinical investigations - Not applicable - Suspect sampling	animal	5	1	Methicillin resistant Staphylococcus aureus (MRSA)	1
	Pigs - fattening pigs - Farm - Not Available - Not Available - Clinical investigations - Not applicable - Suspect sampling	animal	20	2	Methicillin resistant Staphylococcus aureus (MRSA)	2
	Solipeds, domestic - horses - Farm - Not Available - Not Available - Clinical investigations - Not applicable - Suspect sampling	animal	466	22	Methicillin resistant Staphylococcus aureus (MRSA)	22

Table TOXOPLASMA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Cats - Veterinary clinics - Not Available - Not Available - Clinical investigations - Not applicable - Suspect sampling	animal	39	12	Toxoplasma spp., unspecified	12
	Dogs - Veterinary clinics - Not Available - Not Available - Clinical investigations - Not applicable - Suspect sampling	animal	145	22	Toxoplasma spp., unspecified	22
	Goats - Farm - Netherlands - Not Available - Clinical investigations - HACCP and own check - Not specified	animal	301	2	Toxoplasma spp., unspecified	2
	Sheep - Farm - Netherlands - Not Available - Clinical investigations - HACCP and own check - Not specified	animal	452	4	Toxoplasma spp., unspecified	4

Table TRICHINELLA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	155573	0	Trichinella	0
	Solipeds, domestic - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	905	0	Trichinella	0
	Wild boars - farmed - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	1241	0	Trichinella	0

Table YERSINIA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Cats - Veterinary clinics - Not Available - Not Available - Clinical investigations - Not applicable - Suspect sampling	animal	57	2	Yersinia, unspecified sp.	2
	Cattle (bovine animals) - Veterinary clinics - Not Available - Not Available - Clinical investigations - Not applicable - Suspect sampling	animal	2898	1	Yersinia pseudotuberculosis	1
			15829	1	Yersinia, unspecified sp.	1
	Goats - Farm - Not Available - Not Available - Clinical investigations - HACCP and own check - Not specified	animal	301	0	Yersinia	0
	Land game mammals - Veterinary clinics - Not Available - Not Available - Clinical investigations - Not applicable - Suspect sampling	animal	334	18	Yersinia, unspecified sp.	18
	Other animals - exotic pet animals - Veterinary clinics - Not Available - Not Available - Clinical investigations - Not applicable - Suspect sampling	animal	28	3	Yersinia, unspecified sp.	3
	Pigs - Farm - Not Available - Not Available - Clinical investigations - HACCP and own check - Not specified	animal	2422	0	Yersinia	0
	Sheep - Farm - Not Available - Not Available - Clinical investigations - HACCP and own check - Not specified	animal	452	0	Yersinia	0

FOODBORNE OUTBREAKS TABLES

Foodborne Outbreaks: summarized data

Causative agent	Food vehicle	Outbreak strenght							
		Strong				Weak			
		N outbreaks	N human cases	N hospitalized	N deaths	N outbreaks	N human cases	N hospitalized	N deaths
Campylobacter jejuni	Unknown					4	20	0	0
Campylobacter, unspecified sp.	Unknown					5	43	1	0
Hepatitis A	Unknown					1	3	0	0
Histamine	Fish and fish products	3	31	1	0				
Norovirus	Crustaceans, shellfish, molluscs and products thereof	4	41	0	0				
	Unknown	2	46	0	0	19	293	1	0
Not in list	Other foods	1	2	0	0				
Salmonella Enteritidis	Eggs and egg products	1	171	20	0				
	Unknown					3	9	0	0
Salmonella spp., unspecified	Unknown					5	18	1	0
Shigella sonnei	Unknown					1	25	1	0
Unknown	Unknown					543	2,021	0	0
VTEC, unspecified	Unknown					1	2	1	0
Yersinia enterocolitica unspecified	Unknown					1	4	1	0

Strong Foodborne Outbreaks: detailed data

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Histamine	unk	14	General	Fish and fish products	tuna	Detection of causative agent in food chain or its environment - Symptoms and onset of illness pathognomonic to causative agent	Canteen or workplace catering	Unknown	Not Available	Inadequate chilling	N_A	1	24	0	0
		305	Household / domestic kitchen	Fish and fish products	tuna	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Household	Unknown	Not Available	Inadequate chilling	N_A	1	4	1	0
		346	General	Fish and fish products	salmon sashimi	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Not Available	Inadequate chilling	N_A	1	3	unk	0
Norovirus	unk	119	General	Crustaceans, shellfish, molluscs and products thereof	oysters	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Farm (not specified)	Not Available	Unprocessed contaminated ingredient	N_A	1	19	unk	0
		4	General	Unknown	N_A	Analytical epidemiological evidence	Unknown	Household	Not Available	Unknown	N_A	1	16	0	0
		460	General	Crustaceans, shellfish, molluscs and products thereof	oysters	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Farm (not specified)	Not Available	Unprocessed contaminated ingredient	N_A	1	2	unk	0

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Norovirus	unk	594	General	Crustaceans, shellfish, molluscs and products thereof	oysters	Analytical epidemiological evidence	Multiple places of exposure in one country	Farm (not specified)	France	Unprocessed contaminated ingredient	N_A	1	18	0	0
		6	General	Unknown	N_A	Detection of causative agent in food chain or its environment - Symptoms and onset of illness pathognomonic to causative agent	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Unknown	N_A	1	30	0	0
		62	General	Crustaceans, shellfish, molluscs and products thereof	oysters	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Farm (not specified)	Not Available	Unprocessed contaminated ingredient	N_A	1	2	unk	0
Not in list	unk	311	General	Other foods	different sauces	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Not Available	Unknown	Cause: glutamic acid in different sauces	1	2	unk	0
Salmonella Enteritidis	unk	28	General	Eggs and egg products	Polish eggs	Analytical epidemiological evidence\$Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans\$Product-tracing investigations	Multiple places of exposure in more than one country	Farm (not specified)	Poland	Cross-contamination\$Unprocessed contaminated ingredient	N_A	1	171	20	unk

Weak Foodborne Outbreaks: detailed data

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Campylobacter jejuni	unk	N_A	Unknown	Unknown	N_A	Unknown	Not Available	unk	Not Available	NOT AVAILABLE	N_A	4	20	0	0
Campylobacter, unspecified sp.	unk	N_A	Unknown	Unknown	N_A	Unknown	Not Available	unk	Not Available	NOT AVAILABLE	N_A	5	43	1	0
Hepatitis A	unk	N_A	General	Unknown	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	unk	Not Available	NOT AVAILABLE	N_A	1	3	unk	0
Norovirus	unk	N_A	Unknown	Unknown	N_A	Unknown	Not Available	unk	Not Available	NOT AVAILABLE	N_A	19	293	1	0
Salmonella Enteritidis	unk	N_A	Unknown	Unknown	N_A	Unknown	Not Available	unk	Not Available	NOT AVAILABLE	N_A	3	9	0	0
Salmonella spp., unspecified	unk	N_A	Unknown	Unknown	N_A	Unknown	Not Available	unk	Not Available	NOT AVAILABLE	N_A	5	18	1	0
Shigella sonnei	unk	N_A	General	Unknown	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	unk	Not Available	NOT AVAILABLE	N_A	1	25	1	0
Unknown	unk	N_A	Unknown	Unknown	N_A	Unknown	Not Available	unk	Not Available	NOT AVAILABLE	N_A	543	2,021	unk	unk
VTEC, unspecified	unk	N_A	Household / domestic kitchen	Unknown	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	unk	Not Available	NOT AVAILABLE	N_A	1	2	1	0
Yersinia enterocolitica unspecified	unk	N_A	General	Unknown	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	unk	Not Available	NOT AVAILABLE	N_A	1	4	1	0

ANTIMICROBIAL RESISTANCE TABLES FOR CAMPYLOBACTER

Table Antimicrobial susceptibility testing of *Campylobacter coli* in Meat from bovine animals - fresh

Sampling Stage: Retail		Sampling Type: food sample		Sampling Context: Monitoring - active			
Sampler: Official sampling		Sampling Strategy: Objective sampling		Programme Code: OTHER AMR MON pnl2			
Analytical Method: Micromethod dilution (in microtiter plate)							
Country of Origin: Unknown							
Sampling details: N_A							
MIC	AM substance	Ciprofloxacin	Erythromycin	Gentamicin	Nalidixic acid	Streptomycin	Tetracycline
	Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
	Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
	ECOFF	0.5	8	2	16	4	2
	Lowest limit	0.12	1	0.12	1	0.25	0.5
	Highest limit	16	128	16	64	16	64
	N of tested isolates	1	1	1	1	1	1
	N of resistant isolates	1	0	0	1	0	1
	0.25			1			
	0.5					1	
<=1							
4	1						
64					1	1	

Table Antimicrobial susceptibility testing of Campylobacter coli in Sheep - milk ewes

Sampling Stage: Farm

Sampler: Official sampling

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling details: N_A

Sampling Type: animal sample - faeces

Sampling Strategy: Objective sampling

Sampling Context: Surveillance

Programme Code: OTHER AMR MON pnl2

AM substance		Ciprofloxacin	Erythromycin	Gentamicin	Nalidixic acid	Streptomycin	Tetracycline
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.5	8	2	16	4	2	
Lowest limit	0.12	1	0.12	1	0.25	0.5	
Highest limit	16	128	16	64	16	64	
N of tested isolates	9	9	9	9	9	9	
N of resistant isolates	1	0	0	1	1	1	
<=0.12	8		7				
0.25			2				
<=0.5						7	
0.5					5		
<=1		9					
1					3	1	
2				4			
4				3			
8				1			
>16	1				1		
>64				1		1	

Table Antimicrobial susceptibility testing of Campylobacter coli in Meat from sheep - fresh

Sampling Stage: Retail

Sampler: Official sampling

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Unknown

Sampling details: N_A

Sampling Type: food sample

Sampling Strategy: Objective sampling

Sampling Context: Monitoring - active

Programme Code: OTHER AMR MON pnl2

AM substance		Ciprofloxacin	Erythromycin	Gentamicin	Nalidixic acid	Streptomycin	Tetracycline
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.5	8	2	16	4	2	
Lowest limit	0.12	1	0.12	1	0.25	0.5	
Highest limit	16	128	16	64	16	64	
N of tested isolates	7	7	7	7	7	7	
N of resistant isolates	0	0	0	0	2	2	
MIC							
<=0.12	7		4				
0.25			3				
<=0.5						4	
0.5					2		
<=1		5					
1					3	1	
2		2		2			
4				4			
8				1	1		
16					1		
>64						2	

Table Antimicrobial susceptibility testing of Campylobacter coli in Meat from goat - fresh

Sampling Stage: Retail

Sampler: Official sampling

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Unknown

Sampling details: N_A

Sampling Type: food sample

Sampling Strategy: Objective sampling

Sampling Context: Monitoring - active

Programme Code: OTHER AMR MON pnl2

AM substance		Ciprofloxacin	Erythromycin	Gentamicin	Nalidixic acid	Streptomycin	Tetracycline
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.5	8	2	16	4	2	
Lowest limit	0.12	1	0.12	1	0.25	0.5	
Highest limit	16	128	16	64	16	64	
N of tested isolates	1	1	1	1	1	1	
N of resistant isolates	0	0	0	0	1	0	
MIC							
<=0.12	1		1				
<=0.5						1	
<=1			1				
8					1		
16						1	

Table Antimicrobial susceptibility testing of Campylobacter coli in Meat from turkey - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Unknown

Sampling details: N_A

	Ciprofloxacin	Erythromycin	Gentamicin	Nalidixic acid	Streptomycin	Tetracycline
AM substance						
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.5	8	2	16	4	2
Lowest limit	0.12	1	0.12	1	0.25	0.5
Highest limit	16	128	16	64	16	64
N of tested isolates	2	2	2	2	2	2
N of resistant isolates	2	0	0	2	0	1
MIC						
0.25			2			
<=0.5						1
0.5					1	
<=1		2				
1					1	
4	2					
64				1		
>64				1		1

Table Antimicrobial susceptibility testing of Campylobacter coli in Ducks - unspecified

Sampling Stage: Slaughterhouse

Sampler: Official sampling

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling details: N_A

Sampling Type: animal sample - caecum

Sampling Strategy: Objective sampling

Sampling Context: Monitoring

Programme Code: OTHER AMR MON

MIC	AM substance	Ciprofloxacin	Erythromycin	Gentamicin	Nalidixic acid	Streptomycin	Tetracycline
	ECOFF	0.5	8	2	16	4	2
	Lowest limit	0.12	1	0.12	1	0.25	0.5
	Highest limit	16	128	16	64	16	64
	N of tested isolates	16	16	16	16	16	16
	N of resistant isolates	11	0	0	11	1	7
<=0.12	5						
0.25			16				
<=0.5						5	
0.5					1		
<=1		11					
1					14	4	
2		4					
4	2	1		4			
8	8			1			
16	1						
>16					1		
64				1		1	
>64				10		6	

Table Antimicrobial susceptibility testing of Campylobacter coli in Meat from broilers (Gallus gallus) - fresh - chilled

Sampling Stage: Retail

Sampler: Official sampling

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Unknown

Sampling details: N_A

Sampling Type: food sample

Sampling Strategy: Objective sampling

Sampling Context: Monitoring - active

Programme Code: OTHER AMR MON pnl2

AM substance		Ciprofloxacin	Erythromycin	Gentamicin	Nalidixic acid	Streptomycin	Tetracycline
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.5	8	2	16	4	2	
Lowest limit	0.12	1	0.12	1	0.25	0.5	
Highest limit	16	128	16	64	16	64	
N of tested isolates	23	23	23	23	23	23	
N of resistant isolates	13	0	0	13	0	12	
MIC							
<=0.12	10		17				
0.25			6				
<=0.5						11	
0.5					14		
<=1		23					
1					9		
2	1			5			
4	8			5			
8	4						
64				8		2	
>64				5		10	

Table Antimicrobial susceptibility testing of Campylobacter coli in Gallus gallus (fowl) - broilers

Sampling Stage: Slaughterhouse

Sampler: Official sampling

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling details: N_A

Sampling Type: animal sample - caecum

Sampling Strategy: Objective sampling

Sampling Context: Monitoring

Programme Code: AMR MON

MIC	AM substance	Ciprofloxacin	Erythromycin	Gentamicin	Nalidixic acid	Streptomycin	Tetracycline
	ECOFF	0.5	8	2	16	4	2
	Lowest limit	0.12	1	0.12	1	0.25	0.5
	Highest limit	16	128	16	64	16	64
	N of tested isolates	43	43	43	43	43	43
	N of resistant isolates	28	2	0	28	1	28
<=0.12		13		2			
0.25		2		38			
<=0.5							11
0.5				3		1	
<=1			32				
1						39	4
2			9			2	
4		6			8		
8		18			7		
16		4				1	
64					3		1
>64					25		27
>128			2				

Table Antimicrobial susceptibility testing of Campylobacter coli in Goats - milk goats

Sampling Stage: Farm

Sampler: Official sampling

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling details: N_A

Sampling Type: animal sample - faeces

Sampling Strategy: Objective sampling

Sampling Context: Surveillance

Programme Code: OTHER AMR MON pnl2

	Ciprofloxacin	Erythromycin	Gentamicin	Nalidixic acid	Streptomycin	Tetracycline
AM substance						
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.5	8	2	16	4	2
Lowest limit	0.12	1	0.12	1	0.25	0.5
Highest limit	16	128	16	64	16	64
N of tested isolates	8	8	8	8	8	8
MIC						
N of resistant isolates	1	0	0	1	0	1
<=0.12	7		3			
0.25			5			
<=0.5						4
0.5					3	
<=1		7		1		
1					5	3
2		1				
4				2		
				3		
8	1			1		
>64				1		1

Table Antimicrobial susceptibility testing of Campylobacter coli in Gallus gallus (fowl) - laying hens

Sampling Stage: Slaughterhouse

Sampler: Official sampling

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling details: N_A

Sampling Type: animal sample - caecum

Sampling Strategy: Objective sampling

Sampling Context: Monitoring

Programme Code: OTHER AMR MON

AM substance	Ciprofloxacin	Erythromycin	Gentamicin	Nalidixic acid	Streptomycin	Tetracycline
	ECOFF	8	2	16	4	2
	Lowest limit	0.12	1	0.12	1	0.25
	Highest limit	16	128	16	64	64
	N of tested isolates	87	87	87	87	87
MIC	N of resistant isolates	49	3	0	49	6
<=0.12	32		25			
0.25	6		59			
<=0.5						38
0.5			3		18	
<=1		68				
1					62	3
2		15		5	1	
4	5	1		25		
8	27			8	1	
16	15				4	
>16	2				1	
32						1
64		2		5		2
>64				44		43
>128		1				

Table Antimicrobial susceptibility testing of Campylobacter jejuni in Sheep - milk ewes

Sampling Stage: Farm

Sampler: Official sampling

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling details: N_A

Sampling Type: animal sample - faeces

Sampling Strategy: Objective sampling

Sampling Context: Surveillance

Programme Code: OTHER AMR MON pnl2

	Ciprofloxacin	Erythromycin	Gentamicin	Nalidixic acid	Streptomycin	Tetracycline
AM substance						
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.5	4	2	16	4	1
Lowest limit	0.12	1	0.12	1	0.25	0.5
Highest limit	16	128	16	64	16	64
N of tested isolates	17	17	17	17	17	17
MIC						
N of resistant isolates	2	1	0	2	0	1
<=0.12	14		16			
<=0.25					6	
0.25	1		1			
<=0.5						15
0.5					8	
<=1		16				
1					2	1
2				11		
4	1			1	1	
8	1	1		1		
16				2		
>64				2		1

Table Antimicrobial susceptibility testing of Campylobacter jejuni in Meat from sheep - fresh

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Unknown

Sampling details: N_A

	Ciprofloxacin	Erythromycin	Gentamicin	Nalidixic acid	Streptomycin	Tetracycline
AM substance						
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.5	4	2	16	4	1
Lowest limit	0.12	1	0.12	1	0.25	0.5
Highest limit	16	128	16	64	16	64
N of tested isolates	3	3	3	3	3	3
MIC						
N of resistant isolates	2	1	1	2	0	1
<=0.12	1		2			
<=0.25					2	
<=0.5						2
0.5					1	
<=1		2				
2				1		
4	2		1			
8						1
>64				2		
128		1				

Table Antimicrobial susceptibility testing of Campylobacter jejuni in Meat from goat - fresh

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Unknown

Sampling details: N_A

	Ciprofloxacin	Erythromycin	Gentamicin	Nalidixic acid	Streptomycin	Tetracycline
AM substance						
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.5	4	2	16	4	1
Lowest limit	0.12	1	0.12	1	0.25	0.5
Highest limit	16	128	16	64	16	64
N of tested isolates	1	1	1	1	1	1
N of resistant isolates	1	0	0	1	0	0
MIC						
<=0.12			1			
<=0.5						1
0.5					1	
<=1		1				
8	1					
>64				1		

Table Antimicrobial susceptibility testing of Campylobacter jejuni in Meat from turkey - fresh - chilled

Sampling Stage: Retail

Sampler: Official sampling

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Unknown

Sampling details: N_A

Sampling Type: food sample

Sampling Strategy: Objective sampling

Sampling Context: Monitoring - active

Programme Code: OTHER AMR MON pnl2

	Ciprofloxacin	Erythromycin	Gentamicin	Nalidixic acid	Streptomycin	Tetracycline
AM substance						
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.5	4	2	16	4	1
Lowest limit	0.12	1	0.12	1	0.25	0.5
Highest limit	16	128	16	64	16	64
N of tested isolates	21	21	21	21	21	21
MIC						
N of resistant isolates	8	0	1	8	3	8
<=0.12	13		18			
<=0.25					6	
0.25			1			
<=0.5						13
0.5			1		9	
<=1		20		1		
1					2	
2	1			12	1	
4	1	1				
8	4				3	1
16	2					
>16			1			
64				1		1
>64				7		6

Table Antimicrobial susceptibility testing of Campylobacter jejuni in Ducks - unspecified

Sampling Stage: Slaughterhouse

Sampler: Official sampling

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling details: N_A

Sampling Type: animal sample - caecum

Sampling Strategy: Objective sampling

Sampling Context: Monitoring

Programme Code: OTHER AMR MON

MIC	AM substance	Ciprofloxacin	Erythromycin	Gentamicin	Nalidixic acid	Streptomycin	Tetracycline
	ECOFF	0.5	4	2	16	4	1
	Lowest limit	0.12	1	0.12	1	0.25	0.5
	Highest limit	16	128	16	64	16	64
	N of tested isolates	68	68	68	68	68	68
	N of resistant isolates	33	0	0	29	0	23
<=0.12		28		58			
<=0.25						12	
0.25		6		10			
<=0.5							45
0.5		1				43	
<=1			66				
1						13	
2			2		9		
4					27		
8		11			3		
16		18					1
>16		4					
32							4
64							6
>64					29		12

Table Antimicrobial susceptibility testing of Campylobacter jejuni in Meat from broilers (Gallus gallus) - fresh - chilled

Sampling Stage: Retail

Sampler: Official sampling

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Unknown

Sampling details: N_A

Sampling Type: food sample

Sampling Strategy: Objective sampling

Sampling Context: Monitoring - active

Programme Code: OTHER AMR MON pnl2

	Ciprofloxacin	Erythromycin	Gentamicin	Nalidixic acid	Streptomycin	Tetracycline
AM substance						
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.5	4	2	16	4	1
Lowest limit	0.12	1	0.12	1	0.25	0.5
Highest limit	16	128	16	64	16	64
N of tested isolates	51	51	51	51	51	51
MIC						
N of resistant isolates	33	2	0	33	0	21
<=0.12	16		50			
<=0.25					28	
0.25	2		1			
<=0.5						28
0.5					20	
<=1		49		1		
1					2	2
2	1			10	1	
4	11			4		1
8	15			2		
16	6			1		1
32						3
64				9		4
>64				24		12
>128		2				

Table Antimicrobial susceptibility testing of Campylobacter jejuni in Gallus gallus (fowl) - broilers

Sampling Stage: Slaughterhouse

Sampler: Official sampling

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling details: N_A

Sampling Type: animal sample - caecum

Sampling Strategy: Objective sampling

Sampling Context: Monitoring

Programme Code: AMR MON

MIC	AM substance	Ciprofloxacin	Erythromycin	Gentamicin	Nalidixic acid	Streptomycin	Tetracycline
	ECOFF	0.5	4	2	16	4	1
	Lowest limit	0.12	1	0.12	1	0.25	0.5
	Highest limit	16	128	16	64	16	64
	N of tested isolates	170	170	170	170	170	170
	N of resistant isolates	103	0	0	101	2	79
<=0.12		60		123			
<=0.25						7	
0.25		5		47			
<=0.5							85
0.5		2				109	
<=1			135				
1						52	6
2			33		9		
4		1	2		52		
8		30			8		
16		37				1	1
>16		35				1	
32							3
64							6
>64					101		69

Table Antimicrobial susceptibility testing of Campylobacter jejuni in Goats - milk goats

Sampling Stage: Farm

Sampler: Official sampling

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling details: N_A

Sampling Type: animal sample - faeces

Sampling Strategy: Objective sampling

Sampling Context: Surveillance

Programme Code: OTHER AMR MON pnl2

AM substance		Ciprofloxacin	Erythromycin	Gentamicin	Nalidixic acid	Streptomycin	Tetracycline
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.5	4	2	16	4	1	
Lowest limit	0.12	1	0.12	1	0.25	0.5	
Highest limit	16	128	16	64	16	64	
N of tested isolates	43	43	43	43	43	43	
N of resistant isolates	4	0	0	4	1	4	
<=0.12	38		43				
<=0.25					15		
0.25	1						
<=0.5						39	
0.5					25		
<=1		43		4			
1					2		
2				29			
4	1			5			
8	3			1	1		
32						2	
64						1	
>64				4		1	

Table Antimicrobial susceptibility testing of Campylobacter jejuni in Gallus gallus (fowl) - laying hens

Sampling Stage: Slaughterhouse

Sampler: Official sampling

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling details: N_A

Sampling Type: animal sample - caecum

Sampling Strategy: Objective sampling

Sampling Context: Monitoring

Programme Code: OTHER AMR MON

MIC	AM substance	Ciprofloxacin	Erythromycin	Gentamicin	Nalidixic acid	Streptomycin	Tetracycline
	ECOFF	0.5	4	2	16	4	1
	Lowest limit	0.12	1	0.12	1	0.25	0.5
	Highest limit	16	128	16	64	16	64
	N of tested isolates	71	71	71	71	71	71
	N of resistant isolates	23	0	0	21	1	18
<=0.12		42		55			
<=0.25						12	
0.25		6		16			
<=0.5							51
0.5						38	
<=1			66				
1						20	2
2			4		13		
4			1		34		
8		14			3	1	
16		6					1
>16		3					
32							4
64							3
>64					21		10

ANTIMICROBIAL RESISTANCE TABLES FOR SALMONELLA

Table Antimicrobial susceptibility testing of *Salmonella* 1,4,5,12:i:- in Cattle (bovine animals) - unspecified

Sampling Stage: Slaughterhouse
 Sampling Type: animal sample - caecum
 Sampling Context: Monitoring

Sampler: Official sampling
 Sampling Strategy: Objective sampling
 Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim		
	ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2		
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25		
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32		
	N of tested isolates	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
	N of resistant isolates	6	0	0	0	1	2	0	1	0	2	6	6	0	2		
<=0.015	1																
<=0.03	6																
0.03	3																
<=0.25	6													4	3		
<=0.5	6														5		
0.5	2														2	1	
<=1	5																
2	1																
<=4	3																
4	3																
<=8	5																
8	3																
32	1																
>32	2																
>64	6														6		
>128	1															2	
>1024																6	

Table Antimicrobial susceptibility testing of Salmonella 1,4,5,12:i:- in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampler: Official sampling

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

Sampling Type: animal sample - caecum

Sampling Strategy: Objective sampling

Sampling Context: Monitoring

Programme Code: AMR MON

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	8	8	8	8	8	8	8	8	8	8	8	8	8	8
N of resistant isolates	7	0	0	0	0	0	0	0	0	0	8	8	0	2
MIC														
<=0.015						2								
<=0.03									8					
0.03						5								
0.064						1								
<=0.25			8										5	5
<=0.5				8				8						
0.5													3	1
<=1	1						8							
<=4										7				
4		3												
<=8					7									
8		4												
16		1			1					1				
>32														2
>64	7											8		
>1024											8			

Table Antimicrobial susceptibility testing of Salmonella 1,4,5,12:i:- in Gallus gallus (fowl) - broilers

Sampling Stage: Slaughterhouse

Sampler: Official sampling

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

Sampling Type: animal sample - caecum

Sampling Strategy: Objective sampling

Sampling Context: Control and eradication programmes

Programme Code: AMR MON

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
		ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MIC	N of resistant isolates	2	0	0	0	0	0	0	0	0	0	2	2	0	0
	<=0.015	1													
	<=0.03	2													
	0.03	1													
	<=0.25	2												2	2
	<=0.5	2													
	<=1	2													
	<=4	2													
	<=8	2													
	8	2													
	>64	2	2												
	>1024	2													

Table Antimicrobial susceptibility testing of Salmonella 1,4,5,12:i:- in Goats

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	1	0	0	1	0	0	0	0	0	1	1	0	1
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1											
<=0.5				1				1						
<=1							1							
1													1	
<=4										1				
>32														1
>64	1	1										1		
>128					1									
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella 1,4,5,12:i:- in Gallus gallus (fowl) - laying hens

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	1
<=0.5				1				1						
<=1							1							
<=4										1				
<=8					1									
8		1												
>64	1											1		
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella 4,12:i:- in Cattle (bovine animals) - unspecified

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	4	4	4	4	4	4	4	4	4	4	4	4	4	4
N of resistant isolates	4	0	0	0	0	0	0	0	0	0	4	4	0	2
MIC														
<=0.03									4					
0.03						4								
<=0.25			4										3	2
<=0.5				4				3						
0.5													1	
<=1							4							
1								1						
<=4										4				
4		3												
<=8					4									
8		1												
>32														2
>64	4											4		
>1024											4			

Table Antimicrobial susceptibility testing of Salmonella 4,12:i:- in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	12	12	12	12	12	12	12	12	12	12	12	12	12	12
N of resistant isolates	11	0	0	0	2	3	0	0	0	1	12	12	0	3
MIC														
<=0.03									11					
0.03						8								
0.064						1			1					
<=0.25			12										5	9
<=0.5				12				12						
0.5						3							7	
<=1	1						12							
<=4										8				
4		3												
<=8					9									
8		8								2				
16		1			1					1				
>32														3
>64	11											12		
>128					2					1				
>1024											12			

Table Antimicrobial susceptibility testing of Salmonella 4,12:i:- in Gallus gallus (fowl) - broilers

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	2	0	0	0	0	0	0	0	0	0	2	2	0	0
MIC														
<=0.03									2					
0.03						2								
<=0.25			2										1	2
<=0.5				2				2						
0.5													1	
<=1							2							
<=4										2				
<=8					2									
8		1												
16		1												
>64	2											2		
>1024											2			

Table Antimicrobial susceptibility testing of Salmonella 4,12:i:- in Goats

Sampling Stage: Slaughterhouse

Sampler: Official sampling

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

Sampling Type: animal sample - caecum

Sampling Strategy: Objective sampling

Sampling Context: Monitoring

Programme Code: OTHER AMR MON

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	N of resistant isolates	3	0	0	0	0	0	0	0	0	0	3	3	0	0
<=0.015		1													
<=0.03		3													
0.03		2													
<=0.25		3													
<=0.5		3													
0.5		2													
<=1		3													
1		1													
<=4		3													
4		1													
<=8		3													
8		2													
>64		3													
>1024		3													

Table Antimicrobial susceptibility testing of Salmonella 4,12:i:- in Gallus gallus (fowl) - laying hens

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	2	0	0
MIC														
<=0.03									2					
0.03						2								
<=0.25			2											2
<=0.5				2				1						
0.5													2	
<=1	1						2							
1								1						
<=4										1				
<=8					1						1			
8		2								1				
16					1									
>64	1											2		
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella 4,5,12:d:- in Cattle (bovine animals) - unspecified

Sampling Stage: Slaughterhouse

Sampler: Official sampling

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

Sampling Type: animal sample - caecum

Sampling Strategy: Objective sampling

Sampling Context: Monitoring

Programme Code: AMR MON

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
	ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2	
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32	
	N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	<=0.015	1														
	<=0.03	1														
	<=0.25	1													1	1
	<=0.5	1														
<=1	1	1														
<=2	1															
<=4	1															
4	1															
<=8	1															

Table Antimicrobial susceptibility testing of Salmonella 9,12:-:- in Gallus gallus (fowl) - laying hens

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=0.015						1									
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1		1													
<=2			1										1		
2								1							
<=4											1				
<=8						1						1			

Table Antimicrobial susceptibility testing of Salmonella Agama in Meat from sheep - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: SWAB SHEEP

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	1	1
MIC														
0.03						1								
0.064									1					
<=0.25			1											
<=0.5				1				1						
<=1							1							
2													1	
<=4										1				
4		1												
<=8					1									
>32														1
>64	1											1		
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Anatum in Gallus gallus (fowl) - broilers

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	1
<=0.5				1				1						
<=1	1						1							
<=2												1		
<=4										1				
<=8					1						1			
8		1												

Table Antimicrobial susceptibility testing of Salmonella Anatum in Gallus gallus (fowl) - laying hens

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
	ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2	
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32	
	N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	<=0.03	1														
	0.03	1														
	<=0.25	1				1										
	<=0.5	1					1									
<=1	1	1														
<=2	1															
<=4	1															
<=8	1					1										
8	1															

Table Antimicrobial susceptibility testing of Salmonella Anatum in Spices and herbs - fresh

Sampling Stage: Border inspection activities

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Laos

Sampling Details: HERBS CORIANDER

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
0.03						1								
0.064									1					
<=0.25			1											
<=0.5				1				1						
0.5													1	1
<=1	1													
<=2												1		
2							1							
<=4										1				
<=8					1									
8		1												
64											1			

Table Antimicrobial susceptibility testing of Salmonella Bovismorbificans in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	1
<=0.5				1				1						
<=1	1						1							
<=2												1		
<=4										1				
4		1												
<=8					1						1			

Table Antimicrobial susceptibility testing of Salmonella Brandenburg in Meat from pig - carcass

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcass swabs

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: SWAB PIG

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	3	3	3	3	3	3	3	3	3	3	3	3	3	3
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									3					
0.03						2								
<=0.25			3										3	3
<=0.5				3				3						
<=1	1						3							
<=2												3		
2	2													
<=4										3				
<=8					3									
8		3												
64											1			
128											1			
256											1			

Table Antimicrobial susceptibility testing of Salmonella Brandenburg in Cattle (bovine animals) - unspecified

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=0.03										2					
0.03							2								
<=0.25				2					2						2
<=0.5					2		2								
<=1		2		2											
<=2													1		
<=4											2				
<=8						2									
8			2		1										
16												2			

Table Antimicrobial susceptibility testing of Salmonella Brandenburg in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1											1
<=0.5				1				1						
0.5													1	
<=1							1							
<=2												1		
2	1													
<=4										1				
<=8					1						1			
8		1												

Table Antimicrobial susceptibility testing of Salmonella Chester in Seeds, dried

Sampling Stage: Border inspection activities

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: India

Sampling Details: SEED SESAME SEEDS

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
0.03						1								
0.064									1					
<=0.25			1										1	
<=0.5				1										
0.5														1
<=1	1						1							
1								1						
<=2												1		
<=4										1				
<=8					1									
8		1												
128											1			

Table Antimicrobial susceptibility testing of Salmonella Chester in Spices and herbs - fresh

Sampling Stage: Border inspection activities

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Laos

Sampling Details: HERBS BASIL

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	N of resistant isolates	0	0	0	0	0	0	0	0	0	0	1	0	0	0
<=0.03	1														
0.03	1														
<=0.25	1														
<=0.5	1														
<=1	1	1													
<=2	1														
<=4	1														
4	1														
<=8	1														
>1024	1														

Table Antimicrobial susceptibility testing of Salmonella Coeln in Seeds, dried

Sampling Stage: Border inspection activities

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: India

Sampling Details: SEED SESAME SEEDS

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1											1
<=0.5				1				1						
0.5													1	
<=1	1													
<=2												1		
2							1							
<=4										1				
4		1												
<=8					1									
64											1			

Table Antimicrobial susceptibility testing of Salmonella Coromandel in Spices and herbs - dried

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Unknown

Sampling Details: HERBS TUMERIC

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1							1							
<=2												1		
2	1													
<=4										1				
<=8					1									
8		1												
256											1			

Table Antimicrobial susceptibility testing of Salmonella Corvallis in Gallus gallus (fowl) - broilers

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									2					
0.03						2								
<=0.25			2										2	2
<=0.5				2				1						
<=1	2						2							
1								1						
<=2												2		
<=4										2				
4		1												
<=8					2						2			
8		1												

Table Antimicrobial susceptibility testing of Salmonella Derby in Meat from pig - carcass

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcass swabs

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: SWAB PIG

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	3	3	3	3	3	3	3	3	3	3	3	3	3	3
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									3					
0.03						3								
<=0.25			3										3	1
<=0.5				3				3						
0.5														2
<=1							3							
<=2												3		
2	3													
<=4										2				
<=8					2									
8		3								1				
16					1									
128											3			

Table Antimicrobial susceptibility testing of Salmonella Derby in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									2					
0.03						2								
<=0.25			2										2	1
<=0.5				2				2						
0.5														1
<=1							2							
<=2												2		
2	2													
<=4										2				
<=8					2						2			
8		2												

Table Antimicrobial susceptibility testing of Salmonella Dublin in Meat from bovine animals - fresh

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Germany

Sampling Details: MEAT BOVINE

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
4	1													
<=8	1													
16	1													

Table Antimicrobial susceptibility testing of Salmonella Dublin in Meat from bovine animals - meat preparation - intended to be eaten cooked

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: bovine meat preparation to be eaten raw

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
0.064									1					
<=0.25			1											
<=0.5				1				1						
0.5													1	1
<=1	1													
<=2												1		
2							1							
<=4										1				
4		1												
<=8					1									
64											1			

Table Antimicrobial susceptibility testing of Salmonella Dublin in Cattle (bovine animals) - unspecified

Sampling Stage: Slaughterhouse

Sampler: Official sampling

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

Sampling Type: animal sample - caecum

Sampling Strategy: Objective sampling

Sampling Context: Monitoring

Programme Code: AMR MON

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	N of resistant isolates	0	0	0	0	1	0	7	0	0	0	1	0	0	0
<=0.015															
<=0.03															
<=0.25															
<=0.5															
0.5															
<=1															
1															
<=2															
2															
<=4															
4															
<=8															
8															
>128															
>1024															

Table Antimicrobial susceptibility testing of Salmonella Dublin in Meat from bovine animals - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: SWAB CALF

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	4	4	4	4	4	4	4	4	4	4	4	4	4	4
N of resistant isolates	0	0	0	0	0	0	3	0	0	0	0	0	0	0
MIC														
<=0.015						4								
<=0.03									2					
0.064									2					
<=0.25			4										3	1
<=0.5				4				3						
0.5													1	2
<=1	4													
1								1						1
<=2												3		
2							1							
<=4										3				
4		4					3					1		
<=8					4									
8										1				
32											1			
64											3			

Table Antimicrobial susceptibility testing of Salmonella Dublin in Meat from bovine animals - carcass

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcass swabs

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: SWAB CALF

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
	ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2	
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32	
	N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	N of resistant isolates	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
	<=0.015	2														
	<=0.03	2														
	<=0.25	2														
	<=0.5	2														
<=1	1															
<=2	2															
2	1	1														
<=4	2															
4	2															
<=8	2															
16	1															
32	1															

Table Antimicrobial susceptibility testing of Salmonella enterica, subspecies diarizonae in Sheep - milk ewes

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: FAECES SHEEP

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	3	3	3	3	3	3	3	3	3	3	3	3	3	3
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						2								
<=0.03									3					
0.03						1								
<=0.25			3										3	2
<=0.5				3				3						
0.5														1
<=1	3						3							
<=2												3		
<=4										3				
<=8					3									
8		3												
32											2			
64											1			

Table Antimicrobial susceptibility testing of Salmonella enterica, subspecies diarizonae in Meat from sheep - fresh

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: MEAT LAMB

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1											1
<=0.5				1				1						
0.5													1	
<=1							1							
<=2												1		
2	1													
<=4										1				
<=8					1									
8		1												
64											1			

Table Antimicrobial susceptibility testing of Salmonella enterica, subspecies diarizonae in Meat from goat - fresh

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: MEAT GOAT

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1	1						1							
<=2												1		
<=4										1				
<=8					1									
8		1												
32											1			

Table Antimicrobial susceptibility testing of Salmonella enterica, subspecies diarizonae in Meat from goat - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: SWAB GOAT

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=0.015	1														
<=0.03	1														
<=0.25	1													1	1
<=0.5	1														
<=1	1	1													
<=2	1														
<=4	1														
<=8	1														
8	1														
32	1														

Table Antimicrobial susceptibility testing of Salmonella enterica, subspecies diarizonae in Meat from sheep - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: SWAB SHEEP

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	3	3	3	3	3	3	3	3	3	3	3	3	3	3
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						2								
<=0.03									3					
0.03						1								
<=0.25			3										3	1
<=0.5				3				3						
0.5														2
<=1	2						3							
<=2												2		
2	1													
<=4										3				
4		1										1		
<=8					3									
8		2												
32											1			
64											1			
128											1			

Table Antimicrobial susceptibility testing of Salmonella enterica, subspecies diarizonae in Meat from broilers (Gallus gallus) - carcase - chilled

Sampling Stage: Slaughterhouse

Sampling Type: food sample - neck skin

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: NECK SKIN CHICKEN

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	1	0	0	0	1	1	1	0	1
MIC														
<=0.03									1					
<=0.25			1											
0.25						1								
<=0.5				1				1						
<=1							1							
1													1	
16		1			1									
>32														1
>64	1											1		
>128										1				
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Enteritidis in Meat from bovine animals - fresh

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: MEAT BOVINE

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	1
<=0.5				1				1						
<=2												1		
2	1						1							
<=4										1				
<=8					1									
8		1												
64											1			

Table Antimicrobial susceptibility testing of Salmonella Enteritidis in Cattle (bovine animals) - unspecified

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	1	0	0	0	1	0	0	0	0
MIC														
<=0.03									1					
<=0.25			1											1
0.25						1								
<=0.5				1				1						
0.5													1	
<=1							1							
<=2												1		
2	1													
<=8					1						1			
8		1												
>128										1				

Table Antimicrobial susceptibility testing of Salmonella Enteritidis in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: SHOE COVER MANURE

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	1
<=0.5				1				1						
<=1	1													
<=2												1		
2							1							
<=4										1				
4		1												
<=8					1									
64											1			

Table Antimicrobial susceptibility testing of Salmonella Enteritidis in Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked

Sampling Stage: Border inspection activities

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Thailand

Sampling Details: MEAT CHICKEN

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	1	1	0	0	1	0	0	0	0
MIC														
<=0.03									1					
<=0.25			1										1	1
0.25						1								
<=0.5				1				1						
<=2												1		
4		1					1							
<=8					1									
64											1			
>64	1													
>128										1				

Table Antimicrobial susceptibility testing of Salmonella Enteritidis in Gallus gallus (fowl) - broilers

Sampling Stage: Slaughterhouse

Sampler: Official sampling

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

Sampling Type: animal sample - caecum

Sampling Strategy: Objective sampling

Sampling Context: Control and eradication programmes

Programme Code: AMR MON

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	55	55	55	55	55	55	55	55	55	55	55	55	55	55
	N of resistant isolates	0	0	0	0	0	7	20	0	0	7	0	0	0	0
<=0.015															
<=0.03															
0.03															
0.064															
<=0.25															
0.25															
<=0.5															
0.5															
<=1															
<=2															
2															
<=4															
4															
<=8															
8															
16															
32															
>128															

Table Antimicrobial susceptibility testing of Salmonella Enteritidis in Gallus gallus (fowl) - breeding flocks for broiler production line

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: SHOE COVER MANURE

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	6	6	6	6	6	6	6	6	6	6	6	6	6	6
N of resistant isolates	0	0	0	0	0	1	1	0	0	1	1	1	0	0
MIC														
<=0.03									4					
0.03						5								
0.064									2					
<=0.25			6										4	2
0.25						1								
<=0.5				5				5						
0.5													1	4
<=1							4							
1				1				1					1	
<=2												5		
2	6						1							
<=4										4				
4		3					1							
<=8					5									
8		3								1				
16					1									
64											3			
>64												1		
128											2			
>128										1				
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Enteritidis in Gallus gallus (fowl) - laying hens

Sampling Stage: Slaughterhouse

Sampler: Official sampling

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

Sampling Type: animal sample - caecum

Sampling Strategy: Objective sampling

Sampling Context: Monitoring

Programme Code: AMR MON

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	15	15	15	15	15	15	15	15	15	15	15	15	15	15
	N of resistant isolates	0	0	0	0	0	2	5	0	0	2	0	0	0	0
<=0.015															
<=0.03															
0.03															
<=0.25															
<=0.5															
0.5															
<=1															
1															
<=2															
2															
<=4															
4															
<=8															
8															
16															
>128															

Table Antimicrobial susceptibility testing of Salmonella Enteritidis in Meat from bovine animals - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: SWAB CALF

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	1	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=2												1		
2	1													
<=4										1				
4							1							
<=8					1									
8		1												
32											1			

Table Antimicrobial susceptibility testing of Salmonella Enteritidis in Spices and herbs - fresh

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Unknown

Sampling Details: HERBS CORIANDER

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	1	1	0	0	1	0	0	0	0
MIC														
<=0.03									1					
<=0.25			1										1	
0.25						1								
<=0.5				1				1						
0.5														1
<=2												1		
2	1													
4		1					1							
<=8					1									
64											1			
>128										1				

Table Antimicrobial susceptibility testing of Salmonella Gallinarum biovar Pullorum in Gallus gallus (fowl) - broilers

Sampling Stage: Slaughterhouse

Sampler: Official sampling

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

Sampling Type: animal sample - caecum

Sampling Strategy: Objective sampling

Sampling Context: Control and eradication programmes

Programme Code: AMR MON

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	N of resistant isolates	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	<=0.015	1													
<=0.03	1														
<=0.25	1												1	1	
<=0.5	1														
<=1	1														
<=2	1														
<=4	1														
<=8	1														
8								1							
32												1			

Table Antimicrobial susceptibility testing of Salmonella Gallinarum biovar Pullorum in Gallus gallus (fowl) - laying hens

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	1	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1											1
<=0.5				1				1						
0.5													1	
<=1	1													
<=2		1										1		
<=4										1				
4							1							
<=8					1									
16											1			

Table Antimicrobial susceptibility testing of Salmonella Gaminara in Meat from broilers (Gallus gallus) - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Belgium

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1											1
<=0.5				1				1						
0.5													1	
<=1							1							
<=2												1		
2	1													
<=4										1				
<=8					1									
8		1												
128											1			

Table Antimicrobial susceptibility testing of Salmonella Give in Gallus gallus (fowl) - broilers

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									2					
0.03						1								
<=0.25			2										1	2
<=0.5				2				1						
0.5													1	
<=1	2						2							
1								1						
<=2												2		
<=4										2				
<=8					2									
8		2												
16											2			

Table Antimicrobial susceptibility testing of Salmonella Goldcoast in Cattle (bovine animals) - unspecified

Sampling Stage: Slaughterhouse

Sampler: Official sampling

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

Sampling Type: animal sample - caecum

Sampling Strategy: Objective sampling

Sampling Context: Monitoring

Programme Code: AMR MON

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=0.03										2					
0.03							2								
<=0.25				2										2	2
<=0.5					2				2						
<=1		2						2							
<=2													2		
<=4											2				
4			2												
<=8						2						2			

Table Antimicrobial susceptibility testing of Salmonella Goldcoast in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	1	0	0	0	0	0	1	1	0	1
MIC														
<=0.03									1					
0.03						1								
<=0.25			1											
<=0.5				1										
<=1							1							
1								1					1	
<=4										1				
8		1												
>32														1
64					1									
>64	1											1		
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Hadar in Meat from turkey - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	1	0	0	0	1	0	1	0	0
MIC														
<=0.03	1													
<=0.25	1													
<=0.5	1													
0.5	1													
<=1	1													
2	1													
4	1													
<=8	1													
32	1													
64	1													
>64	1													

Table Antimicrobial susceptibility testing of Salmonella Havana in Gallus gallus (fowl) - laying hens

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=0.015		1													
<=0.03		1													
<=0.25		1													
<=0.5		1													
<=1		1													
<=2		1													
<=4		1													
<=8		1													
8		1													
16		1													

Table Antimicrobial susceptibility testing of Salmonella Idikan in Gallus gallus (fowl) - laying hens

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	1	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	1
<=0.5				1				1						
<=1	1													
<=2												1		
<=4										1				
4		1					1							
<=8					1						1			

Table Antimicrobial susceptibility testing of Salmonella IIIb 61--:1,5,7 in Sheep

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	1
<=0.5				1				1						
<=1	1						1							
<=2												1		
<=4										1				
<=8					1									
8		1												
16											1			

Table Antimicrobial susceptibility testing of Salmonella Indiana in Gallus gallus (fowl) - laying hens

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	2	0	0	0	2	0	0	0	0
MIC														
<=0.03									2					
<=0.25			2										1	2
0.25						1								
<=0.5				2				2						
0.5						1							1	
<=1	2						2							
<=2												2		
4		2												
<=8					2						2			
>128										2				

Table Antimicrobial susceptibility testing of Salmonella Infantis in Sheep - milk ewes

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: FAECES SHEEP

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1	1						1							
<=2												1		
<=4										1				
<=8					1									
8		1												
64											1			

Table Antimicrobial susceptibility testing of Salmonella Infantis in Meat from broilers (Gallus gallus) - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	2	0	0	0	2	2	2	0	1
MIC														
<=0.03									2					
<=0.25			2											
0.25						1								
<=0.5				2				2						
0.5						1								1
<=1							2							
1													2	
2	2													
8		1												
16		1			2									
>32														1
>64												2		
128										1				
>128										1				
>1024											2			

Table Antimicrobial susceptibility testing of Salmonella Infantis in Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	2	0	0	0	2	2	2	0	1
MIC														
<=0.03									2					
<=0.25			2											1
<=0.5				2				2						
0.5						1								
<=1							2							
1													2	
2	2													
4		1												
<=8					2									
8		1												
>8						1								
>32														1
>64												2		
>128										2				
>1024											2			

Table Antimicrobial susceptibility testing of Salmonella Infantis in Gallus gallus (fowl) - broilers

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON pn12

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.5	0.125	0.125	2	0.125	0.125	0.125	0.125	0.125
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	1	0	0	1	0	0	0	0	0
MIC										
<=0.015							1			
<=0.03									1	
<=0.12								1		
0.25			1							
0.5						1				
4					1					
8				1						1
32	1									
64		1								

Table Antimicrobial susceptibility testing of Salmonella Infantis in Gallus gallus (fowl) - broilers

Sampling Stage: Slaughterhouse

Sampler: Official sampling

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

Sampling Type: animal sample - caecum

Sampling Strategy: Objective sampling

Sampling Context: Control and eradication programmes

Programme Code: AMR MON

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	N of resistant isolates	1	0	1	1	0	1	0	0	0	1	1	1	0	1
<=0.03		4													
0.03		3													
<=0.25		32													
0.25		1													
<=0.5		34													
0.5		22													
<=1		14													
<=2		3													
2		2													
<=4		3													
4		11													
>4		1													
<=8		3													
8		3													
16		1													
>32		1													
>64		1													
128		1													
>1024		1													

Table Antimicrobial susceptibility testing of Salmonella Infantis in Meat from broilers (Gallus gallus) - carcase - chilled

Sampling Stage: Slaughterhouse

Sampling Type: food sample - neck skin

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: NECK SKIN CHICKEN

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
	ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2	
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32	
	N of tested isolates	16	16	16	16	16	16	16	16	16	16	16	16	16	16	
	N of resistant isolates	0	0	0	0	0	16	0	0	0	16	16	16	1	10	
<=0.03										14						
0.064										2						
0.12							1									
<=0.25				16											6	
0.25							8									
<=0.5					14		15									
0.5							6		2							
<=1								16								
1					2		1		1		13					
2		11													1	
4		5		2												
<=8						9										
8			8													
16			6		7											
>32															10	
>64													16			
128											3					
>128											13					
>1024												16				

Table Antimicrobial susceptibility testing of Salmonella Infantis in Meat from pig - fresh

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: MEAT PIG

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1	1						1							
<=2												1		
<=4										1				
4		1												
<=8					1									
64											1			

Table Antimicrobial susceptibility testing of Salmonella Javiana in Spices and herbs - fresh

Sampling Stage: Border inspection activities

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Laos

Sampling Details: HERBS MINT

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1											
<=0.5				1				1						
0.5													1	
<=1							1							
1														1
<=2												1		
2	1													
<=4										1				
<=8					1									
8		1												
128											1			

Table Antimicrobial susceptibility testing of Salmonella Jerusalem in Gallus gallus (fowl) - laying hens

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	1
<=0.5				1				1						
<=1	1						1							
<=2												1		
<=4										1				
<=8					1						1			
8		1												

Table Antimicrobial susceptibility testing of Salmonella Kentucky in Spices and herbs - fresh

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Morocco

Sampling Details: HERBS MINT

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	1	0	0	0	1	1	1	0	0
MIC														
<=0.03									1					
<=0.25			1											1
<=0.5				1				1						
0.5													1	
<=1	1						1							
<=8					1									
8		1												
>8						1								
64												1		
>128										1				
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Lexington in Gallus gallus (fowl) - laying hens

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1	1						1							
<=2												1		
<=4										1				
<=8					1						1			
8		1												

Table Antimicrobial susceptibility testing of Salmonella Livingstone in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	1
<=0.5				1				1						
<=1	1						1							
<=2												1		
<=4										1				
<=8					1						1			
8		1												

Table Antimicrobial susceptibility testing of Salmonella London in Spices and herbs - fresh

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Morocco

Sampling Details: HERBS MINT

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1	1													
<=2												1		
2							1							
<=4										1				
<=8					1									
8		1												
64											1			

Table Antimicrobial susceptibility testing of Salmonella London in Spices and herbs - fresh

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Unknown

Sampling Details: HERBS PARSLEY

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1	1						1							
<=2												1		
<=4										1				
4		1												
<=8					1									
64											1			

Table Antimicrobial susceptibility testing of Salmonella Molade in Meat from other animal species or not specified - fresh - frozen

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: South Africa

Sampling Details: MEAT CROCODILE

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.5	0.125	0.125	2	0.125	0.125	0.125	0.125	0.125
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	1	0	0	1	0	0	0	0	0
MIC										
<=0.015							1			
<=0.03									1	
0.12			1							
0.25								1		
0.5						1				
4				1						
32										1
>32	1									
64					1					
>64		1								

Table Antimicrobial susceptibility testing of Salmonella Molade in Meat from other animal species or not specified - fresh - frozen

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: South Africa

Sampling Details: MEAT CROCODILE

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	1	1	1	1	0	0	0	1	1	1	0	1
MIC														
0.064									1					
<=0.5								1						
0.5													1	
<=1							1							
2						1								
>4			1											
8		1												
>8				1										
32										1				
>32														1
64												1		
>64	1													
>128					1									
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Montevideo in Gallus gallus (fowl) - laying hens

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
0.03						1								
0.064									1					
<=0.25			1										1	1
<=0.5				1				1						
<=1	1													
<=2												1		
2							1							
<=4										1				
<=8					1						1			
8		1												

Table Antimicrobial susceptibility testing of Salmonella Muenchen in Cattle (bovine animals) - unspecified

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=0.03										1					
0.03							1								
<=0.25				1										1	1
<=0.5					1				1						
<=1		1						1							
<=2													1		
<=4											1				
4			1												
<=8						1						1			

Table Antimicrobial susceptibility testing of Salmonella Muenchen in Solipeds, domestic - horses

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	1	0	1	0	0	1	1	0	1
MIC														
<=0.03									1					
<=0.25			1										1	
<=0.5				1										
<=1							1							
1						1								
<=8					1									
8		1												
16										1				
>32								1						1
>64	1											1		
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Muenchen in Spices and herbs - fresh

Sampling Stage: Border inspection activities

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Thailand

Sampling Details: HERBS BASIL

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	1
<=0.5				1				1						
<=1	1						1							
<=2												1		
<=4										1				
4		1												
<=8					1									
64											1			

Table Antimicrobial susceptibility testing of Salmonella Newport in Meat from broilers (Gallus gallus) - carcase - chilled

Sampling Stage: Slaughterhouse

Sampling Type: food sample - neck skin

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: NECK SKIN CHICKEN

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1											
<=0.5				1				1						
0.5													1	1
<=1							1							
<=2												1		
2	1													
<=4										1				
4		1												
<=8					1									
128											1			

Table Antimicrobial susceptibility testing of Salmonella Panama in Gallus gallus (fowl) - laying hens

Sampling Stage: Slaughterhouse

Sampler: Official sampling

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

Sampling Type: animal sample - caecum

Sampling Strategy: Objective sampling

Sampling Context: Monitoring

Programme Code: AMR MON

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									2					
0.03						2								
<=0.25			2											2
<=0.5				2				1						
0.5													2	
<=1	1													
1								1						
<=2												2		
2	1						2							
<=4										2				
<=8					2						2			
8		2												

Table Antimicrobial susceptibility testing of Salmonella Paratyphi in Meat from broilers (Gallus gallus) - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: N_A

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	N of resistant isolates	0	0	0	0	0	0	0	0	0	0	1	0	0	1
<=0.015		1													
<=0.03		1													
<=0.25		1													
<=0.5		1													
<=1		1													
<=2		1													
<=4		1													
4		1													
<=8		1													
>32		1													
>1024		1													

Table Antimicrobial susceptibility testing of Salmonella Paratyphi in Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	0	1	0	1
MIC														
0.064						1			1					
<=0.25			1											
<=0.5				1				1						
<=1							1							
1													1	
<=4										1				
<=8					1									
8		1												
>32														1
64											1			
>64	1											1		

Table Antimicrobial susceptibility testing of Salmonella Paratyphi in Meat from broilers (Gallus gallus) - carcase - chilled

Sampling Stage: Slaughterhouse

Sampling Type: food sample - neck skin

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON pn12

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: NECK SKIN CHICKEN

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
	Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
MIC	Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
	ECOFF	0.125	0.5	0.125	0.125	2	0.125	0.125	0.125	0.125
	Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03
	Highest limit	32	64	64	64	128	128	2	16	16
	N of tested isolates	1	1	1	1	1	1	1	1	1
	N of resistant isolates	1	1	0	1	1	0	0	0	0
0.03	1									
0.064	1									
0.25	1									
0.5	1									
4	1									
16	1									
32	1									

Table Antimicrobial susceptibility testing of Salmonella Paratyphi in Meat from broilers (Gallus gallus) - carcase - chilled

Sampling Stage: Slaughterhouse

Sampling Type: food sample - neck skin

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: NECK SKIN CHICKEN

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	6	6	6	6	6	6	6	6	6	6	6	6	6	6
N of resistant isolates	3	0	1	1	0	3	0	1	0	3	4	0	0	6
MIC														
<=0.03									4					
0.03						2								
0.064						1			2					
<=0.25			4										2	
<=0.5				5				5						
0.5			1			2							3	
<=1	2						6							
1						1							1	
<=2												3		
<=4										2				
4	1	2										3		
>4			1											
<=8					3									
8		2						1		1				
>8				1										
16		2			3									
32											2			
>32														6
>64	3													
>128										3				
>1024											4			

Table Antimicrobial susceptibility testing of Salmonella Paratyphi in Meat from bovine animals - carcass

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcass swabs

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: SWAB CALF

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	1	0	0	1
MIC														
<=0.03	1													
0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
4	1													
<=8	1													
>32	1													
>1024	1													

Table Antimicrobial susceptibility testing of Salmonella Rissen in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1											
<=0.5				1				1						
0.5														1
<=1							1							
1													1	
<=2												1		
2	1													
<=4										1				
<=8											1			
8		1												
16					1									

Table Antimicrobial susceptibility testing of Salmonella Rissen in Meat from sheep - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: SWAB SHEEP

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1											
<=0.5				1				1						
0.5													1	1
<=1	1						1							
<=2												1		
<=4										1				
8		1												
16					1									
64											1			

Table Antimicrobial susceptibility testing of Salmonella Schwarzengrund in Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked

Sampling Stage: Border inspection activities

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Thailand

Sampling Details: MEAT CHICKEN

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	1	1	0	1	0	1	1	1	0	1
MIC														
<=0.03									1					
<=0.25			1											
<=0.5				1										
0.5						1								
<=1							1							
1													1	
8		1												
16								1						
>32														1
64					1									
>64	1											1		
>128										1				
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Senftenberg in Seeds, dried

Sampling Stage: Border inspection activities

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: India

Sampling Details: SEED SESAME SEEDS

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
0.03						1								
0.064									1					
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1							1							
<=2												1		
2	1													
<=4										1				
4		1												
<=8					1									
128											1			

Table Antimicrobial susceptibility testing of Salmonella spp., unspecified in Seeds, dried

Sampling Stage: Border inspection activities

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: India

Sampling Details: SEED SESAME SEEDS

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	1
<=0.5				1				1						
<=1	1						1							
<=2												1		
<=4										1				
<=8					1									
8		1												
64											1			

Table Antimicrobial susceptibility testing of Salmonella Stanley in Spices and herbs - fresh

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Thailand

Sampling Details: HERBS CORIANDER

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1											1
<=0.5				1				1						
0.5													1	
<=1							1							
<=2												1		
2	1													
<=4										1				
4		1												
<=8					1									
64											1			

Table Antimicrobial susceptibility testing of Salmonella Stanley in Spices and herbs - fresh

Sampling Stage: Border inspection activities

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Thailand

Sampling Details: HERBS BASIL

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1	1						1							
<=2												1		
<=4										1				
<=8					1									
8		1												
64											1			

Table Antimicrobial susceptibility testing of Salmonella Taksony in Gallus gallus (fowl) - broilers

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	<=0.015	1													
<=0.03	1														
<=0.25	1													1	1
<=0.5	1														
<=1	1	1													
<=2	1														
<=4	1														
4	1														
<=8	1														
16	1														

Table Antimicrobial susceptibility testing of Salmonella Tennessee in Gallus gallus (fowl) - broilers

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	1
<=0.5				1				1						
<=1	1						1							
<=2												1		
<=4										1				
4		1												
<=8					1						1			

Table Antimicrobial susceptibility testing of Salmonella Tennessee in Other processed food products and prepared dishes

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Syria

Sampling Details: SEED TAHINI

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1	1						1							
<=2												1		
<=4										1				
8		1												
16					1									
128											1			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: SWAB PIG

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	4	4	4	4	4	4	4	4	4	4	4	4	4	4
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	0	0	1
MIC														
<=0.03									3					
0.03						4								
0.064									1					
<=0.25			4										4	1
<=0.5				4				3						
0.5														2
<=1	1						4							
1								1						
<=2												4		
2	2													
<=4										3				
4		2												
<=8					4									
8		2								1				
32											1			
>32														1
>64	1													
128											2			
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Meat from sheep - fresh

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: MEAT LAMB

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
0.03						1								
0.064									1					
<=0.25			1										1	1
<=0.5				1										
<=1	1						1							
1								1						
<=2												1		
<=4										1				
4		1												
<=8					1									
128											1			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Cattle (bovine animals) - unspecified

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	N of resistant isolates	4	0	0	0	4	1	0	1	0	1	8	8	0	0
<=0.015							2								
<=0.03										10					
0.03							8								
0.064										1					
<=0.25				11										8	10
0.25							1								
<=0.5					11				10						
0.5														1	1
<=1		6						10							
1														2	
<=2													3		
2		1						1							
<=4											9				
4			8												
<=8						7						3			
8			3								1				
32									1				2		
64													1		
>64		4											5		
>128						4					1				
>1024												8			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	N of resistant isolates	5	0	0	0	2	1	1	0	0	0	6	5	0	4
<=0.015															
<=0.03															
0.03															
0.064															
0.12															
<=0.25															
<=0.5															
0.5															
<=1															
1															
<=2															
2															
<=4															
4															
<=8															
8															
16															
>32															
>64															
>128															
>1024															

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Gallus gallus (fowl) - broilers

Sampling Stage: Slaughterhouse

Sampler: Official sampling

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

Sampling Type: animal sample - caecum

Sampling Strategy: Objective sampling

Sampling Context: Control and eradication programmes

Programme Code: AMR MON

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	1	0	0	1
MIC														
<=0.015						1								
<=0.03									2					
0.03						1								
<=0.25			2										1	1
<=0.5				2				2						
0.5													1	
<=1	2						2							
<=2		1										2		
<=4										2				
<=8					2						1			
8		1												
>32														1
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Meat from sheep - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: SWAB SHEEP

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	1	1
MIC														
0.03						1								
0.064									1					
<=0.25			1											
<=0.5				1				1						
<=1							1							
2													1	
<=4										1				
4		1												
<=8					1									
>32														1
>64	1											1		
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Spices and herbs - dried

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Unknown

Sampling Details: HERBS GINGER

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	1	1	0	0
MIC														
<=0.03	1													
0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
1	1													
<=4	1													
<=8	1													
8	1													
>64	1													
>1024	1													

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Goats

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	3	3	3	3	3	3	3	3	3	3	3	3	3	3
N of resistant isolates	3	0	0	0	1	0	0	0	0	0	3	3	1	3
MIC														
<=0.015						2								
<=0.03									3					
0.03						1								
<=0.25			3											
<=0.5				2				3						
<=1							3							
1				1									2	
<=4										2				
4													1	
<=8					2									
8		2								1				
16		1												
>32														3
>64	3											3		
>128					1									
>1024											3			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Gallus gallus (fowl) - laying hens

Sampling Stage: Slaughterhouse

Sampler: Official sampling

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

Sampling Type: animal sample - caecum

Sampling Strategy: Objective sampling

Sampling Context: Monitoring

Programme Code: AMR MON

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
	ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2	
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32	
	N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	<=0.03	1														
0.03	2															
0.064	1															
<=0.25	2										2		1			
<=0.5	2					2										
<=1	1		2													
1																1
<=2													1			
2	1															
<=4											2					
4			1													
<=8						2		2								
8			1													
32													1			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Meat from broilers (Gallus gallus) - carcase - chilled

Sampling Stage: Slaughterhouse

Sampling Type: food sample - neck skin

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: NECK SKIN CHICKEN

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
0.03						1								
0.064									1					
<=0.25			1											1
<=0.5				1				1						
0.5													1	
<=1							1							
<=2												1		
2	1													
4		1												
<=8					1									
8										1				
16											1			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Meat from bovine animals - carcass

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcass swabs

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: SWAB CALF

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	1	1	0	0
MIC														
0.03						1								
0.064									1					
<=0.25			1											1
<=0.5				1				1						
<=1	1						1							
1													1	
<=4										1				
<=8					1									
8		1												
>64												1		
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: SWAB PIG

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	5	5	5	5	5	5	5	5	5	5	5	5	5	5
N of resistant isolates	4	0	0	0	0	0	0	0	0	0	4	5	0	0
MIC														
<=0.03									5					
0.03						4								
0.064						1								
<=0.25			4										5	4
<=0.5				5				5						
0.5			1											1
<=1							4							
2	1						1							
<=4										5				
4		1												
<=8					4									
8		4												
16					1									
64											1			
>64	4											5		
>1024											4			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Meat from goat - carcass

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcass swabs

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: SWAB GOAT

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	1	0	0	1	0	0	0	0	0	1	1	0	1
MIC														
<=0.03									1					
0.03						1								
<=0.25			1											
<=0.5				1				1						
<=1							1							
1													1	
<=4										1				
>32														1
>64	1	1										1		
>128					1									
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Meat from bovine animals - meat preparation - intended to be eaten cooked

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: bovine meat preparation to be eaten raw

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	1
<=0.5				1				1						
<=1							1							
<=4										1				
<=8					1									
8		1												
>64	1											1		
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Spices and herbs - fresh

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Morocco

Sampling Details: HERBS MINT

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
0.03						1								
0.064									1					
<=0.25			1										1	1
<=0.5				1				1						
<=1	1						1							
<=2												1		
<=4										1				
4		1												
<=8					1									
32											1			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Spices and herbs - fresh

Sampling Stage: Border inspection activities

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Malaysia

Sampling Details: HERBS BETEL LEAVE

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1							1							
<=2												1		
2	1													
<=4										1				
<=8					1									
8		1												
64											1			

Table Antimicrobial susceptibility testing of Salmonella Virchow in Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	
<=0.5				1										
0.5														1
<=1							1							
1								1						
<=2												1		
2	1													
<=4										1				
4		1												
<=8					1									
128											1			

Table Antimicrobial susceptibility testing of Salmonella Virchow in Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Unknown

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	1	0	0	0	1	0	0	0	0
MIC														
<=0.03									1					
<=0.25			1										1	
0.25						1								
<=0.5				1				1						
0.5														1
<=1	1						1							
<=2												1		
4		1												
<=8					1									
32											1			
>128										1				

Table Antimicrobial susceptibility testing of Salmonella Virchow in Spices and herbs - fresh

Sampling Stage: Border inspection activities

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Laos

Sampling Details: HERBS CHIVES

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=2												1		
2	1						1							
<=4										1				
<=8					1									
8		1												
64											1			

Table Antimicrobial susceptibility testing of Salmonella Virchow in Spices and herbs - fresh

Sampling Stage: Border inspection activities

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Malaysia

Sampling Details: HERBS PARSLEY

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.064						1								
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1	1													
<=2												1		
2							1							
<=4										1				
<=8					1									
8		1												
32											1			

Table Antimicrobial susceptibility testing of Salmonella Weltevreden in Spices and herbs - fresh

Sampling Stage: Border inspection activities

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Laos

Sampling Details: HERBS PEPPERMINT

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1	1						1							
<=2												1		
<=4										1				
4		1												
<=8					1									
128											1			

ANTIMICROBIAL RESISTANCE TABLES FOR INDICATOR ESCHERICHIA COLI

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from other animal species or not specified - fresh - frozen

Sampling Stage: Wholesale

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Australia

Sampling Details: MEAT CHIC

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	
<=0.5				1										
0.5														1
<=1							1							
1								1						
<=2												1		
2	1													
<=4										1				
4		1												
<=8					1									
16											1			

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=0.015						5									
<=0.03										5					
<=0.25				5										5	3
<=0.5					5				4						
0.5															2
<=1								5							
1									1						
<=2			3										4		
2		1													
<=4											5				
4		4	1										1		
<=8						5						1			
8			1												
16												2			
32												1			
64												1			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from other animal species or not specified - fresh - frozen

Sampling Stage: Wholesale

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: MEAT KANGAROO

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	<=0.015	1													
<=0.03	2														
0.03	1														
<=0.25	2													2	1
<=0.5	2														1
<=1	2														
1	1														1
<=2	1												2		
<=4	2														
4	2	1													
<=8	2														
32													1		
64													1		

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MIC	N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=0.03										1					
0.03							1								
<=0.25				1										1	
<=0.5					1				1						
<=1								1							
1															1
<=2			1												
<=4											1				
4		1											1		
<=8						1									
32												1			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from other animal species or not specified - fresh - frozen

Sampling Stage: Wholesale

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: United States

Sampling Details: MEAT BISON

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=0.015		1													
<=0.03		1													
<=0.25		1													
<=0.5		1													
0.5		1													
<=1		1													
1		1													
<=2		1													
<=4		1													
4		1	1												
<=8		1													
32		1													

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from other animal species or not specified - fresh - frozen

Sampling Stage: Wholesale

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Vietnam

Sampling Details: MEAT FROG

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	1	0	1	1	0	1	0	0	1
MIC										
<=0.03									1	
0.064							1			
<=0.12								1		
0.5			1			1				
4					1					
16	1									1
32				1						
>64		1								

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from other animal species or not specified - fresh - frozen

Sampling Stage: Wholesale

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Vietnam

Sampling Details: MEAT FROG

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	N of resistant isolates	1	0	1	1	1	1	1	0	0	1	1	1	0	1
<=0.03										1					
<=0.5									1						
1														1	
4			1		1			1							
>4				1											
>8							1								
>32															
>64															
>128		1				1				1				1	
>1024															

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from other animal species or not specified - fresh - frozen

Sampling Stage: Wholesale

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Unknown

Sampling Details: MEAT KANGAROO

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=0.015		2													
<=0.03		2													
<=0.25		2												2	1
<=0.5		2													
<=1		2													
1		1													
<=2		1												2	
2		1													
<=4		2													
4		1	1												
<=8		2													
16		2													

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MIC	N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=0.015		1													
<=0.03		1													
<=0.25		1													
<=0.5		1													
0.5		1													
<=1		1													
1		1													
<=2		1													
2		1													
<=4		1													
4		1													
<=8		1													
16		1													

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from other animal species or not specified - fresh - frozen

Sampling Stage: Wholesale

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: South Africa

Sampling Details: MEAT CROC

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	N of resistant isolates	0	0	0	0	1	1	1	0	0	1	1	1	0	1
<=0.03										1					
<=0.25				1										1	
<=0.5					1										
1							1		1						
2		1													
4			1					1							
32											1				
>32															1
>64													1		
>128						1									
>1024												1			

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=0.015						2									
<=0.03										2					
<=0.25				2										2	
<=0.5					2				2						
0.5															2
<=1								2							
<=2			1										2		
<=4											2				
4		2	1												
<=8						2									
16												1			
32												1			

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MIC	N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=0.015		1													
<=0.03		1													
<=0.25		1													
<=0.5		1													
0.5		1													
<=1		1													
1		1													
<=2		1													
<=4		1													
4		1													
<=8		1													
16		1													

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from other animal species or not specified - fresh - frozen

Sampling Stage: Wholesale

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: South Africa

Sampling Details: MEAT CROC

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	1	0	0	1	0	0	0	0	0
MIC										
<=0.015							1			
<=0.03									1	
<=0.064			1							
<=0.12						1		1		
4					1					1
8	1			1						
64		1								

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from other animal species or not specified - fresh - frozen

Sampling Stage: Wholesale

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: South Africa

Sampling Details: MEAT CROC

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	1	1	1	0	0	0	0	0	1	1	0	1
MIC														
<=0.03														
0.064														
<=0.25														
<=1														
2														
4														
>4														
8														
16														
>32														
64														
>64														
>128														
>1024														

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from other animal species or not specified - fresh - frozen

Sampling Stage: Wholesale

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Indonesia

Sampling Details: MEAT FROG

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=0.015	1														
<=0.03	1														
<=0.25	1														
<=0.5	1														
<=1	1														
1	1														
<=2	1														
<=4	1														
4	1	1													
<=8	1														
16	1														

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - fresh

Sampling Stage: Retail

Sampler: Official sampling

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: European Union

Sampling Type: food sample - meat

Sampling Strategy: Objective sampling

Sampling Context: Monitoring - EFSA specifications

Programme Code: ESBL MON pnI2

Sampling Details: N_A

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin	
	Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
	Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
	ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
	Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
	Highest limit	32	64	64	64	128	128	2	16	16	64
	N of tested isolates	50	50	50	50	50	50	50	50	50	50
	N of resistant isolates	49	50	18	22	47	18	3	0	0	0
	MIC										
	<=0.015						27				
<=0.03								47			
0.03						12					
<=0.064	1		29								
0.064						8		3			
<=0.12					21		15				
0.12			3			2					
0.25	12					11	1	29			
0.5	11				3			6			
1	4				10						
2	3	1	1	1	7	2					
4	5	5	4	16	2	4				15	
8	5	19	13	11	9	10				32	
16	2	8		2	13	2				2	

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	50	50	50	50	50	50	50	50	50	50
N of resistant isolates	49	50	18	22	47	18	3	0	0	0
MIC										
32	4	8		2	6					1
>32	3									
64		7		12						
>64		2		6						

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - fresh

Sampling Stage: Retail

Sampler: Official sampling

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: European Union

Sampling Type: food sample - meat

Sampling Strategy: Objective sampling

Sampling Context: Monitoring - EFSA specifications

Programme Code: ESBL MON

Sampling Details: N_A

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	N of resistant isolates	50	3	50	49	4	23	2	7	0	21	32	20	0	17
<=0.015							23								
<=0.03										50					
0.03							4								
<=0.25														41	13
0.25							5								
<=0.5					1				23						
0.5							8							8	11
<=1								47							
1					13		2		15					1	7
<=2			8										25		
2					6		2	1	5						2
<=4											26				
4			24	4	2		1	2					4		
>4				46											
<=8						44						1			
8			13		12		2				1		1		
>8					16		3								
16			2			2			2		2	2			
32			3						5		1	10			
>32															17
64		1				4						5	4		

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	50	50	50	50	50	50	50	50	50	50	50	50	50	50
MIC	N of resistant isolates	50	3	50	49	4	23	2	7	0	21	32	20	0	17
	>64	49											16		
	128										2	1			
	>128										18				
	>1024											31			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from bovine animals - fresh

Sampling Stage: Retail

Sampler: Official sampling

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Type: food sample

Sampling Strategy: Objective sampling

Sampling Context: Monitoring - active

Programme Code: OTHER ESBL MON pnl2

Sampling Details: N_A

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	12	12	12	12	12	12	12	12	12	12
N of resistant isolates	12	12	0	2	11	0	2	0	0	3
MIC										
<=0.015							8			
<=0.03									11	
0.03							2			
<=0.064			10							
0.064							2		1	
<=0.12						3		4		
0.12			1							
0.25	1					7		7		
0.5					1	1		1		
2	1				2					
4	1	1		3						2
8	1		1	7	5	1				7
16	1	2		1	4					3
32	2	1		1						

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	12	12	12	12	12	12	12	12	12	12
N of resistant isolates	12	12	0	2	11	0	2	0	0	3
MIC										
>32	5									
64		2								
>64		6								

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from bovine animals - fresh

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: N_A

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	N of resistant isolates	12	0	12	12	4	6	0	4	0	3	7	10	0	6
<=0.015							3								
<=0.03										11					
0.03							3								
0.064										1					
<=0.25														3	3
0.25							1								
<=0.5									6						
0.5							2							6	2
<=1								12							
1					2				1					3	1
<=2			1										2		
2									1						
<=4											6				
4			5		1										
>4				12											
<=8						8						1			
8			5		4						2				
>8					5		3								
16			1								1	1			
32												1			
>32									4						6

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	12	12	12	12	12	12	12	12	12	12	12	12	12	12
MIC	N of resistant isolates	12	0	12	12	4	6	0	4	0	3	7	10	0	6
	64											2	3		
	>64	12											7		
	128					2									
	>128					2					3				
	>1024											7			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from bovine animals - fresh

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Unknown

Sampling Details: N_A

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
	Cefotaxime synergy test	Cefotaxime synergy test	Cefotaxime synergy test	Cefotaxime synergy test	Cefotaxime synergy test	Cefotaxime synergy test	Cefotaxime synergy test	Cefotaxime synergy test	Cefotaxime synergy test	Cefotaxime synergy test
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	2	0	2	2	0	0	0	0	1
MIC										
<=0.015	2									
<=0.03	2									
<=0.12	1									
0.12	2									
0.25	1									
2	2									
4	2									
8	1									
32	2									

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from bovine animals - fresh

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Unknown

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	2	0	2	2	0	2	0	0	0	2	2	2	0	0
MIC														
<=0.03														
<=0.25														
0.25														
<=0.5														
0.5														
<=1														
2														
4														
<=8														
8														
64														
>64														
>128														
>1024														

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from bovine animals - fresh

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Germany

Sampling Details: N_A

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	1	0	0	1	0	0	0	0	0
MIC										
<=0.03									1	
0.03							1			
<=0.064			1							
0.25						1		1		
8				1	1					1
>32	1									
>64		1								

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from bovine animals - fresh

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Germany

Sampling Details: N_A

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	N of resistant isolates	1	0	1	1	0	1	0	0	0	1	1	1	0	0
	<=0.03	1													
0.5													1	1	
<=1	1														
2									1						
4			1			1									
>4				1											
<=8						1									
8							1								
>64	1											1			
>128												1			
>1024												1			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from turkey - meat preparation - intended to be eaten cooked

Sampling Stage: Border inspection activities

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Thailand

Sampling Details: frozen salted poultry meat

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	1	0	0	0	1	0	0
MIC														
<=0.015														
<=0.03														
<=0.25														
<=0.5														
<=1														
<=4														
<=8														
8														
32														
>32														
>64														

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from turkey - meat preparation - intended to be eaten cooked

Sampling Stage: Border inspection activities

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Brazil

Sampling Details: frozen salted poultry meat

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	1	0	0	1	0	0	0	0	0
MIC										
<=0.015							1			
<=0.03									1	
<=0.064			1							
<=0.12								1		
0.25						1				
1					1					
8	1			1						1
32		1								

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from turkey - meat preparation - intended to be eaten cooked

Sampling Stage: Border inspection activities

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Brazil

Sampling Details: frozen salted poultry meat

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	N of resistant isolates	3	0	1	1	5	7	0	0	0	4	4	4	0	2
<=0.03										7					
0.12							1								
<=0.25				6										6	3
0.25							2								
<=0.5					6				4						
0.5							1							1	2
<=1		1						7							
1					1				3						
<=2			2										3		
2		2													
<=4											1				
4			3				1								
>4				1											
<=8						2						1			
8		1	2								1				
>8							2								
16											1	2			
32						1									
>32															2
64													1		
>64		3											3		

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	7	7	7	7	7	7	7	7	7	7	7	7	7	7
MIC	N of resistant isolates	3	0	1	1	5	7	0	0	0	4	4	4	0	2
	128					1									
	>128					3					4				
	>1024											4			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from turkey - meat preparation - intended to be eaten cooked

Sampling Stage: Border inspection activities

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Brazil

Sampling Details: imported frozen poultry meat preparation; n=5; max 1 isolate/batch

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	6	6	6	6	6	6	6	6	6	6
N of resistant isolates	6	6	0	0	3	0	0	0	0	1
MIC										
<=0.015							5			
<=0.03									6	
0.03							1			
<=0.064			5							
<=0.12						3		1		
0.12			1							
<=0.25					1					
0.25						3		5		
0.5					2					
1					1					
2					2					
4	1			2						2
8	1	1		4						3
16	3	3								1

AM substance										
	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	6	6	6	6	6	6	6	6	6	6
N of resistant isolates	6	6	0	0	3	0	0	0	0	1
MIC										
32	1	2								

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from turkey - meat preparation - intended to be eaten cooked

Sampling Stage: Border inspection activities

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Brazil

Sampling Details: imported frozen poultry meat preparation; n=5; max 1 isolate/batch

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	N of resistant isolates	6	0	6	3	6	6	0	1	0	6	6	3	0	6
<=0.03															
<=0.25															
0.25															
<=0.5															
0.5															
<=1															
1															
<=2															
4															
>4															
8															
>8															
32															
>32															
64															
>64															
>128															
>1024															

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Sheep - milk ewes

Sampling Stage: Farm

Sampler: Official sampling

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Type: animal sample - faeces

Sampling Strategy: Objective sampling

Sampling Context: Surveillance

Programme Code: OTHER ESBL MON pnl2

Sampling Details: FAECES SHEEP

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	1	0	0	1	0	0	0	0	0
MIC										
<=0.015							1			
<=0.03									1	
0.12			1							
0.25						1		1		
4	1									
8				1	1					1
32		1								

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Sheep - milk ewes

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Surveillance

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: FAECES SHEEP

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	1	1	0	1	0	0	0	0	0	0	0	0
MIC														
<=0.03														
<=0.5														
0.5														
<=1														
1														
4														
>4														
<=8														
8														
16														
64														
>64														

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from sheep - fresh

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: N_A

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin	
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8	
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5	
Highest limit	32	64	64	64	128	128	2	16	16	64	
N of tested isolates	2	2	2	2	2	2	2	2	2	2	
N of resistant isolates	2	2	0	2	2	0	1	0	0	0	
MIC											
<=0.03									2		
0.03							1				
0.064							1				
0.25	1							2			
0.5	1										
4			1								
8			2	1	2	2	2				
64				2							

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from sheep - fresh

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: N_A

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	N of resistant isolates	2	0	2	2	0	1	0	0	0	1	0	0	0	0
<=0.015		1													
<=0.03		2													
<=0.25		2													
<=0.5		1													
0.5		1													
<=1		2													
1		1													
<=2		2													
<=4		1													
4		1													
>4		2													
<=8		2													
8		1													
>8		1													
16		1													
32		1													
>64		2													
>128		1													

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from sheep - fresh

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Unknown

Sampling Details: N_A

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
	Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
	Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
	ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125
	Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03
	Highest limit	32	64	64	64	128	128	2	16	16
	N of tested isolates	2	2	2	2	2	2	2	2	2
	N of resistant isolates	2	2	0	1	2	0	0	0	0
MIC	<=0.015						1			
	<=0.03							2		
	0.03						1			
	0.12						1			
	0.25						1	2		
	2						1			
	4						1			
	8						1	1		2
	16						1			
	>32						1			
	>64						1			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from sheep - fresh

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Unknown

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	2	0	2	2	0	2	0	0	0	1	1	1	0	1
MIC														
<=0.03														
<=0.25														
0.25														
<=0.5														
<=1														
<=2														
2														
>4														
<=8														
8														
>8														
32														
>32														
>64														
>128														
>1024														

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from goat - fresh

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: N_A

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	1	0	0	1	0	0	0	0	0
MIC										
<=0.015							1			
<=0.03									1	
<=0.064			1							
<=0.12						1	1			
2					1					
4				1						
8	1									1
32			1							

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from goat - fresh

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: N_A

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	N of resistant isolates	1	0	1	1	0	0	0	0	0	0	1	1	0	1
<=0.015	1														
<=0.03	1														
0.5	1														
<=1	1														
1	1														
<=4	1														
>4	1														
<=8	1														
8	1														
>32	1														
>64	1														
>1024	1														

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from goat - fresh

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Unknown

Sampling Details: N_A

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	1	0	0	1	0	0	0	0	0
MIC										
<=0.015							1			
<=0.03									1	
<=0.064			1							
<=0.12						1				
0.25								1		
1					1					
4				1						1
8	1									
32		1								

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from goat - fresh

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Unknown

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	1	1	0	0	0	0	0	0	1	1	0	1
MIC														
<=0.015														
<=0.03														
<=0.5														
0.5														
<=1														
1														
<=4														
4														
>4														
<=8														
>32														
64														
>64														
>1024														

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Crustaceans - shrimps - raw - frozen

Sampling Stage: Border inspection activities

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Bangladesh

Sampling Details: SHELLFISH SHRIMP

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	2	2	0	0	2	0	0	0	0	0
MIC										
<=0.015							1			
<=0.03									2	
0.03							1			
<=0.064	2									
<=0.12						2	2			
2				1						
4				1	1					
8	2					1	2			
64	2									

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Crustaceans - shrimps - raw - frozen

Sampling Stage: Border inspection activities

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Bangladesh

Sampling Details: SHELLFISH SHRIMP

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	2	0	2	2	0	2	0	0	0	0	1	1	0	1
MIC														
<=0.03														
<=0.5														
0.5														
<=1														
1														
<=2														
>4														
<=8														
8														
>32														
64														
>64														
>1024														

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Cattle (bovine animals) - calves (under 1 year)

Sampling Stage: Slaughterhouse

Sampler: Official sampling

Analytical Method: Dilution - sensititre

Country of Origin: Netherlands

Sampling Details: N_A

Sampling Type: animal sample - caecum

Sampling Strategy: Objective sampling

Sampling Context: Monitoring

Programme Code: AMR MON pnl2

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
	Cefotaxime synergy test	Cefotaxime synergy test	Cefotaxime synergy test	Cefotaxime synergy test	Cefotaxime synergy test	Cefotaxime synergy test	Cefotaxime synergy test	Cefotaxime synergy test	Cefotaxime synergy test	Cefotaxime synergy test
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	1	0	0	1	0	0	0	0	0
MIC										
<=0.03										
0.03										
0.12										
0.25										
2										
8										
32										
>64										

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Cattle (bovine animals) - calves (under 1 year)

Sampling Stage: Slaughterhouse

Sampler: Official sampling

Analytical Method: Dilution - sensititre

Country of Origin: Netherlands

Sampling Type: animal sample - caecum

Sampling Strategy: Objective sampling

Sampling Context: Monitoring

Programme Code: AMR MON

Sampling Details: N_A

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	300	300	300	300	300	300	300	300	300	300	300	300	300	300
	N of resistant isolates	70	4	1	1	45	11	0	10	0	8	81	124	0	60
<=0.015							252								
<=0.03										300					
0.03							37								
<=0.25				299										222	91
0.25							5								
<=0.5					299				216						
0.5							2							72	142
<=1		9						300							
1							2		68					6	7
<=2			15										146		
2		88			1				6						
<=4											285				
4		127	129										30		
>4				1											
<=8						245						219			
8		6	144								7				
>8							2								
16			8			10			1				2		
32			1			2			6						
>32									3						60
64			1			3							41		

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	300	300	300	300	300	300	300	300	300	300	300	300	300	300
MIC	N of resistant isolates	70	4	1	1	45	11	0	10	0	8	81	124	0	60
	>64	70	2										81		
	128					15					2				
	>128					25					6				
	512											1			
	>1024											80			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Cattle (bovine animals) - meat production animals - calves (under 1 year)

Sampling Stage: Slaughterhouse

Sampler: Official sampling

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Type: animal sample - caecum

Sampling Strategy: Objective sampling

Sampling Context: Monitoring - active

Programme Code: OTHER ESBL MON pnl2

Sampling Details: caecal

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	99	99	99	99	99	99	99	99	99	99
N of resistant isolates	98	99	1	10	97	0	4	0	0	9
MIC										
<=0.015							68			
<=0.03									97	
0.03							27			
<=0.064			75							
0.064							3		2	
<=0.12						45	44			
0.12	1			18						
0.25	2			1			48	1	54	
0.5	4					2	1	1		
1	2				1	18				
2	7	1	2	3	32					1
4	2	3			39	15	2			
8	17	4	1	47	19	2				
16	20	5	1	6	9	1				

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	99	99	99	99	99	99	99	99	99	99
N of resistant isolates	98	99	1	10	97	0	4	0	0	9
MIC										
32	28	12		1	4					
>32	16									
64		29		2						
>64		45		1						

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Cattle (bovine animals) - meat production animals - calves (under 1 year)

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: caecal

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	99	99	99	99	99	99	99	99	99	99	99	99	99	99
	N of resistant isolates	99	9	99	97	35	47	0	17	0	24	60	75	0	51
<=0.015							40								
<=0.03										98					
0.03							12								
0.064										1					
<=0.25														76	21
0.25							9								
<=0.5					2				61						
0.5							19							20	26
<=1								99							
1					26		1		19					3	1
<=2			3										21		
2				1	23		1		2						
<=4											52				
4			21	5	13				1				3		
>4				93											
<=8						62						39			
8			58		22		4				13				
>8					13		13								
16			8			2			2		10				
32			3			1			2						
>32									12						51

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	99	99	99	99	99	99	99	99	99	99	99	99	99	99
MIC	N of resistant isolates	99	9	99	97	35	47	0	17	0	24	60	75	0	51
	64		2			2							23		
	>64	99	4										52		
	128					16					1				
	>128					16					23				
	>1024											60			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Cattle (bovine animals) - dairy cows

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: faeces

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin	
	Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
	Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
	ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
	Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
	Highest limit	32	64	64	64	128	128	2	16	16	64
	N of tested isolates	46	46	46	46	46	46	46	46	46	46
	N of resistant isolates	43	46	0	10	43	0	0	0	0	6
	MIC										
	<=0.015						41				
<=0.03								46			
0.03						5					
<=0.064	1		34								
<=0.12						23		19			
0.12	2		4								
0.25						15		27			
0.5	1				3						
1			4		3						
2	3	4	2	3	9						
4	5	1	1	15	14	4				14	
8	6	3	1	18	9					26	
16	10	1		2	4	4				6	
32	8	6		4	4						

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	46	46	46	46	46	46	46	46	46	46
N of resistant isolates	43	46	0	10	43	0	0	0	0	6
MIC										
>32	10									
64		9		4						
>64		22								

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Cattle (bovine animals) - dairy cows

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: faeces

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	46	46	46	46	46	46	46	46	46	46	46	46	46	46
	N of resistant isolates	46	2	46	44	14	11	0	3	0	4	31	28	0	22
<=0.015		29													
<=0.03		46													
0.03		6													
<=0.25		359													
0.25		5													
<=0.5		225													
0.5		51012													
<=1		46													
1		71713													
<=2		215													
2		3101													
<=4		35													
4		163913													
>4		40													
<=8		3115													
8		23114													
>8		71													
16		3113													
32		111													
>32		22													
64		11													

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	46	46	46	46	46	46	46	46	46	46	46	46	46	46
MIC	N of resistant isolates	46	2	46	44	14	11	0	3	0	4	31	28	0	22
	>64	46	1										17		
	128					5					3				
	>128					8					1				
	>1024											31			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Cattle (bovine animals) - dairy cows

Sampling Stage: Farm

Sampler: Official sampling

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Type: animal sample - faeces

Sampling Strategy: Objective sampling

Sampling Context: Monitoring

Programme Code: OTHER AMR MON

Sampling Details: N_A

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	300	300	300	300	300	300	300	300	300	300	300	300	300	300
	N of resistant isolates	3	0	0	0	1	0	0	0	0	0	5	3	0	3
<=0.015	258														
<=0.03	300														
0.03	42														
<=0.25	300													253	112
<=0.5	300														
0.5	203														
<=1	5													46	178
1	299														
<=2	86													1	7
2	239														
<=4	298														
4	58														
<=8	279														
8	294														
16	2														
32	1														
>32	3														
64	1														
>64	2														
128	1														
>1024	5														

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from turkey - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: N_A

MIC	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin	
	Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
	Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
	ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8	
	Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5	
	Highest limit	32	64	64	64	128	128	2	16	16	64	
	N of tested isolates	5	5	5	5	5	5	5	5	5	5	
	N of resistant isolates	0	0	0	0	0	0	0	0	0	0	
	<=0.015							5				
	<=0.03							5				
<=0.064		5		4								
<=0.12						5		1				
0.12				1								
<=0.25		5				5						
0.25								4				
4				2								
8				3								
						1						

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from turkey - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: N_A

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	72	72	72	72	72	72	72	72	72	72	72	72	72	72
	N of resistant isolates	51	4	1	4	17	30	7	7	0	21	34	43	0	22
<=0.015							27								
<=0.03										71					
0.03							14								
0.064							1			1					
0.12							1								
<=0.25				71										60	13
0.25							5								
<=0.5					68				36						
0.5				1			11							12	29
<=1								63							
1					4		1		24						7
<=2			11										24		
2		6						2	5						1
<=4											39				
4		13	34				1	5	1				5		
<=8						49						1			
8		2	20					1			5				
>8							11								
16			3			6		1			7	13			
32			1			4					1	17			
>32									6						22

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	72	72	72	72	72	72	72	72	72	72	72	72	72	72
	N of resistant isolates	51	4	1	4	17	30	7	7	0	21	34	43	0	22
	64		2			2					1	7	8		
>64	51	1											35		
128						2					3	2			
>128						9					16				
>1024												32			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from turkey - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Poland

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	1	1	1	1	0	0	1	1	0	1
MIC														
<=0.03														
<=0.25														
<=0.5														
0.5														
4														
16														
>32														
>64														
>128														
>1024														

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from turkey - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Unknown

Sampling Details: N_A

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0
MIC										
<=0.015							1			
<=0.03									1	
<=0.064	1	1								
<=0.12						1				
<=0.25	1				1					
0.25								1		
4				1						
8										1

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from turkey - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Unknown

Sampling Details: N_A

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	13	13	13	13	13	13	13	13	13	13	13	13	13	13
	N of resistant isolates	10	0	0	1	2	6	0	0	0	5	7	6	0	4
<=0.015															
<=0.03															
<=0.25															
0.25															
<=0.5															
0.5															
<=1															
1															
<=2															
2															
<=4															
4															
<=8															
8															
16															
32															
>32															
64															
>64															
128															
>128															

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	13	13	13	13	13	13	13	13	13	13	13	13	13	13
MIC	N of resistant isolates	10	0	0	1	2	6	0	0	0	5	7	6	0	4
	>1024											7			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from turkey - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Germany

Sampling Details: N_A

MIC	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
	Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
	Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
	ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
	Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
	Highest limit	32	64	64	64	128	128	2	16	16	64
	N of tested isolates	3	3	3	3	3	3	3	3	3	3
	N of resistant isolates	1	1	0	0	1	0	0	0	0	0
	<=0.015	3									
	<=0.03	3									
<=0.064	2	3									
<=0.12	3										
<=0.25	2										
0.25	2										
1	1										
4	1	1									
8	2										
>64	1										

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from turkey - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Germany

Sampling Details: N_A

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	46	46	46	46	46	46	46	46	46	46	46	46	46	46
	N of resistant isolates	36	2	1	3	12	19	3	4	0	11	19	23	0	10
<=0.015							22								
<=0.03										44					
0.03							5								
0.064										1					
0.12										1					
<=0.25				45										43	18
0.25							6								
<=0.5					43				29						
0.5							6							3	13
<=1								43							
1					3				12						5
<=2			4										21		
2		5							1						
<=4											27				
4		4	19					3					2		
>4				1											
<=8						32						3			
8		1	20				1				3				
>8							6								
16			1			2					5	9			
32			1			3			1		1	11			

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	46	46	46	46	46	46	46	46	46	46	46	46	46	46
MIC	N of resistant isolates	36	2	1	3	12	19	3	4	0	11	19	23	0	10
	>32								3						10
	64		1			4						4	4		
	>64	36											19		
	128					1					3				
	>128					4					7				
	>1024											19			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from turkey - fresh - chilled

Sampling Stage: Retail

Sampler: Official sampling

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: European Union

Sampling Type: food sample

Sampling Strategy: Objective sampling

Sampling Context: Monitoring - EFSA specifications

Programme Code: OTHER ESBL MON pnl2

Sampling Details: N_A

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin	
	Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
	Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
	ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
	Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
	Highest limit	32	64	64	64	128	128	2	16	16	64
	N of tested isolates	35	35	35	35	35	35	35	35	35	35
	N of resistant isolates	30	35	0	9	30	0	3	1	0	0
	MIC										
	<=0.015						22				
<=0.03								35			
0.03						10					
<=0.064			22								
0.064						3					
<=0.12					22		14				
0.12	5		5								
0.25	4				4		19				
0.5	3				5	1	1				
1	3		4		3	1	1				
2	6	5	1		4	3					
4	1	6	1	17	8	1				16	
8	3	7	2	9	6	3				19	
16	1	2		1	6						

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	35	35	35	35	35	35	35	35	35	35
N of resistant isolates	30	35	0	9	30	0	3	1	0	0
MIC										
32	5	3		2	2					
>32	4									
64		7		4	1					
>64		5		2						

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from turkey - fresh - chilled

Sampling Stage: Retail

Sampler: Official sampling

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: European Union

Sampling Type: food sample

Sampling Strategy: Objective sampling

Sampling Context: Monitoring - EFSA specifications

Programme Code: OTHER ESBL MON

Sampling Details: N_A

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	35	35	35	35	35	35	35	35	35	35	35	35	35	35
	N of resistant isolates	35	3	35	32	8	24	3	7	1	17	18	18	0	9
<=0.015							9								
<=0.03										34					
0.03							2								
<=0.25														24	6
0.25							3								
<=0.5					3				19						
0.5							7			1				8	18
<=1								32							
1					4				9					3	2
<=2			3										12		
2				5	7		1								
<=4											11				
4			17	2	5			2					5		
>4				28											
<=8						24						3			
8			11		8						5				
>8					8		13								
16			1			3		1			2	2	1		
32						3			1			9			
>32									6						9
64			1			3					1	3	2		

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	35	35	35	35	35	35	35	35	35	35	35	35	35	35
MIC	N of resistant isolates	35	3	35	32	8	24	3	7	1	17	18	18	0	9
	>64	35	2										15		
	128					2					1				
	>128										15				
	>1024											18			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampler: Official sampling

Analytical Method: Dilution - sensititre

Country of Origin: Netherlands

Sampling Type: animal sample - caecum

Sampling Strategy: Objective sampling

Sampling Context: Monitoring

Programme Code: AMR MON pnl2

Sampling Details: N_A

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	1	0	1	1	1	0	0	0	0
MIC										
<=0.015							1			
<=0.03									1	
<=0.064	1									
<=0.12								1		
0.25			1							
0.5	1									
1					1	1				
8										1
16				1						

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Netherlands

Sampling Details: N_A

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	299	299	299	299	299	299	299	299	299	299	299	299	299	299
	N of resistant isolates	69	1	1	1	38	2	0	0	0	2	103	128	0	95
<=0.015		266													
<=0.03		299													
0.03		31													
<=0.25		298												235	87
0.25		2													
<=0.5		298													
0.5		1												58	107
<=1		6													
1		1												6	10
<=2		29													
2		93													
<=4		292													
4		126													
<=8		253													
8		5													
16		3													
32		2													
>32		8													
64		5													
>64		67													
128		1													
		7													
		2													

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	299	299	299	299	299	299	299	299	299	299	299	299	299	299
MIC	N of resistant isolates	69	1	1	1	38	2	0	0	0	2	103	128	0	95
	>128	18													
	>1024	103													

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: caecal

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	61	61	61	61	61	61	61	61	61	61
N of resistant isolates	48	61	0	15	57	0	2	0	0	6
MIC										
<=0.015							53			
<=0.03									61	
0.03							6			
<=0.064	2									
0.064							2			
<=0.12						29				
0.12	11							20		
0.25	3					14				
0.5	2				4	2				
1	4	2	6			16	1			
2	1	10	9	3	17	3				
4	2	7			27	9	12			
8	9	4			16	13				
16	16	2			1	1				

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	61	61	61	61	61	61	61	61	61	61
N of resistant isolates	48	61	0	15	57	0	2	0	0	6
MIC										
32	6	10		4	1					3
>32	5									
64		18		8						
>64		8		2						

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: caecal

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	61	61	61	61	61	61	61	61	61	61	61	61	61	61
	N of resistant isolates	61	3	61	57	6	10	0	1	0	10	46	29	0	40
<=0.015															
<=0.03															
0.03															
0.064															
0.12															
<=0.25															
0.25															
<=0.5															
0.5															
<=1															
1															
<=2															
2															
<=4															
4															
>4															
<=8															
8															
>8															
16															
32															

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim		
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2		
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25		
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32		
	N of tested isolates	61	61	61	61	61	61	61	61	61	61	61	61	61	61		
	N of resistant isolates	61	3	61	57	6	10	0	1	0	10	46	29	0	40		
>32															40		
64						1						3			13		
>64	61	2													15		
128						2						2					
>128						3						3					
>1024												46					

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Ducks

Sampling Stage: Slaughterhouse

Sampler: Official sampling

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

Sampling Type: animal sample - caecum

Sampling Strategy: Objective sampling

Sampling Context: Monitoring

Programme Code: OTHER AMR MON

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	N of resistant isolates	8	0	0	0	0	3	0	0	0	0	9	13	0	7
<=0.015	87														
<=0.03	100														
0.03	10														
<=0.25	1008230														
0.25	1														
<=0.5	10063														
0.5	21760														
<=1	2100														
1	3113														
<=2	1183														
2	466														
<=4	97														
4	43504														
<=8	9591														
8	1383														
16	15														
32	2														
>32	7														
64	1														
>64	810														
>1024	9														

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Ducks - breeding flocks, unspecified - before slaughter

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: caecal

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	13	13	13	13	13	13	13	13	13	13
N of resistant isolates	9	13	1	9	13	0	3	0	0	1
MIC										
<=0.015							6			
<=0.03									12	
0.03							4			
<=0.064	1	5								
0.064							2	1		
<=0.12						3	5			
0.12	3									
0.25	2					2	1	7		
0.5	2							1		
1	1	1		2						
2	1		1		1	1				
4			5	3	2	5	4			
8	1	6	1	6		8				
16	2	2	1	1	2	2	1			

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	13	13	13	13	13	13	13	13	13	13
N of resistant isolates	9	13	1	9	13	0	3	0	0	1
MIC										
32	1	1		1						
64		1		4						
>64		2		3						

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Ducks - breeding flocks, unspecified - before slaughter

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: caecal

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	13	13	13	13	13	13	13	13	13	13	13	13	13	13
	N of resistant isolates	13	0	13	13	2	5	0	0	0	4	3	4	0	3
<=0.015							4								
<=0.03										12					
0.03							4								
0.064										1					
<=0.25														10	3
<=0.5									8						
0.5							3							3	7
<=1								13							
1					2				5						
<=2													5		
2					1										
<=4											8				
4			6	3	3								4		
>4				10											
<=8						10						10			
8			7		5		1								
>8					2		1								
16						1					1				
>32															3
64		1											1		
>64		12											3		

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	13	13	13	13	13	13	13	13	13	13	13	13	13	13
MIC	N of resistant isolates	13	0	13	13	2	5	0	0	0	4	3	4	0	3
	128					1									
	>128					1					4				
	>1024											3			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Gallus gallus (fowl) - laying hens - before slaughter

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: caecal

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin	
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8	
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5	
Highest limit	32	64	64	64	128	128	2	16	16	64	
N of tested isolates	60	60	60	60	60	60	60	60	60	60	
N of resistant isolates	53	60	1	20	60	0	4	0	0	3	
MIC											
<=0.015							45				
<=0.03									58		
0.03							11				
<=0.064	1	34									
0.064							3	2			
<=0.12						19	23				
0.12	6	7									
0.25	9					22	1	35			
0.5	3								2		
1	2	7			9						
2	2	7			1	24	1	1			
4	1		2	18	10	8	17				
8	9	11	9	21	9	8	39				
16	14	3	1	1	6	2	3				

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	60	60	60	60	60	60	60	60	60	60
N of resistant isolates	53	60	1	20	60	0	4	0	0	3
MIC										
32	10	12		3	2					
>32	4									
64		14		10						
>64		12		6						

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Gallus gallus (fowl) - laying hens - before slaughter

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: caecal

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	60	60	60	60	60	60	60	60	60	60	60	60	60	60
	N of resistant isolates	60	1	60	58	2	8	0	2	0	7	28	29	0	4
<=0.015							41								
<=0.03										59					
0.03							11								
0.064										1					
<=0.25														44	21
0.25							4								
<=0.5					2				41						
0.5							2							13	34
<=1								60							
1					17				13					3	1
<=2													26		
2				7	15				4						
<=4											52				
4			26	2	8								5		
>4				51											
<=8						56						32			
8			33		9						1				
>8					9		2								
16						2			1						
32									1						
>32															4

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	60	60	60	60	60	60	60	60	60	60	60	60	60	60
MIC	N of resistant isolates	60	1	60	58	2	8	0	2	0	7	28	29	0	4
	64		1			1							12		
	>64	60											17		
	128										2				
	>128					1					5				
	>1024											28			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Italy

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	1	0	0	0	0	0	0	0	0
MIC														
<=0.03														
<=0.25														
0.25														
<=0.5														
<=1														
1														
<=2														
<=4														
<=8														
8														
16														
>64														

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: N_A

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin		
	Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available		
	Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available		
	ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8	
	Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5	
	Highest limit	32	64	64	64	128	128	2	16	16	64	
	N of tested isolates	2	2	2	2	2	2	2	2	2	2	
	N of resistant isolates	1	2	1	1	2	1	0	0	0	0	
MIC												
	<=0.015							2				
	<=0.03									2		
	<=0.064			1								
	<=0.12						1	1				
	0.12	1										
	0.25								1			
	2	1	1	1				1				
	4					1						1
	8				1						1	
	16	1				1						
	32				1							

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: N_A

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	96	96	96	96	96	96	96	96	96	96	96	96	96	96
	N of resistant isolates	23	0	2	2	4	22	0	1	0	22	17	23	0	15
<=0.015							58								
<=0.03										92					
0.03							14								
0.064							2			4					
0.12							2								
<=0.25				94										86	26
0.25							14								
<=0.5					94				49						
0.5							3							10	33
<=1		2						96							
1							1		39						21
<=2			9										63		
2		28		1					7						1
<=4											70				
4		42	52		1								10		
>4				1											
<=8						90						12			
8		1	31				1				3				
>8					1		1								
16			4			2					1	18			
32		1				1			1		3	27			

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	96	96	96	96	96	96	96	96	96	96	96	96	96	96
	N of resistant isolates	23	0	2	2	4	22	0	1	0	22	17	23	0	15
>32															
64															
>64															
128															
>128															
>1024															

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Belgium

Sampling Details: N_A

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	1	0	0	0	0	0	0
MIC										
<=0.015	1									
<=0.03	1									
<=0.064	1	1								
<=0.12	1									
<=0.25	1		1							
0.25								1		
4										1
16				1						

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Belgium

Sampling Details: N_A

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	N of resistant isolates	1	0	1	0	0	0	0	0	0	0	0	1	0	0
<=0.015							3								
<=0.03										5					
0.03							2								
<=0.25				4										5	2
<=0.5					5				4						
0.5				1											1
<=1								5							
1									1						1
<=2			2										3		
2		3													1
<=4											5				
4		1	2										1		
<=8						5									
8			1												
32												3			
64												2			
>64		1											1		

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Unknown

Sampling Details: N_A

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	22	22	22	22	22	22	22	22	22	22	22	22	22	22
	N of resistant isolates	7	0	0	0	1	5	1	1	0	4	7	7	0	4
<=0.015							13								
<=0.03										22					
0.03							4								
<=0.25				22										20	5
<=0.5					22				10						
0.5							3							2	10
<=1								21							
1							1		9						3
<=2													12		
2		2							2						
<=4											17				
4		12	13					1					3		
<=8						21									
8		1	9				1				1				
16												4			
32												7			
>32									1						4
64						1						4	2		
>64		7											5		
128												1			
>128											4				

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	22	22	22	22	22	22	22	22	22	22	22	22	22	22
MIC	N of resistant isolates	7	0	0	0	1	5	1	1	0	4	7	7	0	4
	>1024	6													

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Germany

Sampling Details: N_A

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	N of resistant isolates	6	0	0	0	0	1	0	1	0	1	4	4	0	4
<=0.015							4								
<=0.03										7					
0.03							3								
0.12										1					
<=0.25				8										8	2
0.25							1								
<=0.5					8				6						
0.5															2
<=1								8							
1									1						
<=2													2		
2		1													
<=4											7				
4		1	4										2		
<=8						8						1			
8			3												
16			1												
32		1										3			
>32									1						4
>64		5											4		
>128											1				

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	8	8	8	8	8	8	8	8	8	8	8	8	8	8
MIC	N of resistant isolates	6	0	0	0	0	1	0	1	0	1	4	4	0	4
	>1024	4													

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: France

Sampling Details: N_A

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	N of resistant isolates	0	0	0	0	0	1	0	0	0	1	0	0	0	0
	<=0.015	1													
<=0.03	2														
<=0.25	2														
0.25	1														
<=0.5	2														
0.5	1														
<=1	2														
1	1														
<=2	2														
2	2	1													
<=4	1														
4	2														
<=8	2														
128	1														

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked

Sampling Stage: Border inspection activities

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Thailand

Sampling Details: frozen salted poultry meat

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	14	14	14	14	14	14	14	14	14	14	14	14	14	14
	N of resistant isolates	12	2	0	0	4	8	0	7	0	4	8	10	0	8
<=0.015							5								
<=0.03										14					
0.03							1								
<=0.25				14										12	3
0.25							2								
<=0.5					14				5						
0.5							3							2	3
<=1								14							
1									1						
<=2			1										3		
2									1						
<=4											7				
4		2	6										1		
<=8						9						1			
8			5								2				
>8							3								
16						1			1		1	3			
32			1			2						2			
>32									6						8
64						2							6		
>64		12	1										4		

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	14	14	14	14	14	14	14	14	14	14	14	14	14	14
MIC	N of resistant isolates	12	2	0	0	4	8	0	7	0	4	8	10	0	8
	>128											4			
	>1024											8			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked

Sampling Stage: Border inspection activities

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Thailand

Sampling Details: imported frozen poultry meat preparation; n=5; max 1 isolate/batch

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin	
	Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
	Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
	ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
	Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
	Highest limit	32	64	64	64	128	128	2	16	16	64
	N of tested isolates	5	5	5	5	5	5	5	5	5	5
MIC	N of resistant isolates	4	4	0	4	4	1	3	0	0	1
<=0.015											
<=0.03											
0.03											
<=0.064		1	1								
0.064											
<=0.12		1									
0.12		1									
<=0.25		1		1							
0.25		2									
0.5		2	3								
4						1	1				2
8		2		4	1		1	2			
16		2				3	1	1			
32							1				

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	5	5	5	5	5	5	5	5	5	5
N of resistant isolates	4	4	0	4	4	1	3	0	0	1
MIC										
64				2						
>64				2						

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked

Sampling Stage: Border inspection activities

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Thailand

Sampling Details: imported frozen poultry meat preparation; n=5; max 1 isolate/batch

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	N of resistant isolates	5	1	4	4	0	5	0	4	0	4	3	4	0	1
	<=0.03	5													
<=0.25	15														
0.25	3														
<=0.5	1														
0.5	2														
<=1	5														
<=2	1														
4	2														
>4	4														
<=8	5														
8	1														
>8	2														
32	2														
>32	1														
64	1														
>64	5														
128	2														
>128	2														
>1024	2														

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked

Sampling Stage: Border inspection activities

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Brazil

Sampling Details: frozen salted poultry meat

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	10	10	10	10	10	10	10	10	10	10
N of resistant isolates	10	10	6	6	8	6	2	0	0	0
MIC										
<=0.015							3			
<=0.03									10	
0.03							4			
<=0.064			3							
0.064							1			
<=0.12						3		3		
0.12			1				2			
0.25	6					1		7		
0.5					2					
2					1					
4	1		3	1	1	1				3
8	1	3	3	3	1	5				5
16	1	5			5					2
32	1									

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	10	10	10	10	10	10	10	10	10	10
N of resistant isolates	10	10	6	6	8	6	2	0	0	0
MIC										
64		1		1						
>64		1		5						

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked

Sampling Stage: Border inspection activities

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Brazil

Sampling Details: frozen salted poultry meat

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	32	32	32	32	32	32	32	32	32	32	32	32	32	32
	N of resistant isolates	18	1	10	9	7	20	0	11	0	17	20	14	0	14
<=0.015							7								
<=0.03										32					
0.03							5								
<=0.25				22										26	9
0.25							4								
<=0.5					23				8						
0.5							4							4	6
<=1								31							
1					1		1		12					2	2
<=2			2										16		
2		4			1		1	1	1						1
<=4											12				
4		8	20		1		2						1		
>4				10											
<=8						24						4			
8		2	8		4		2						1		
>8				2			6								
16			1			1			2		3				
32			1			3			6			5	1		
>32									3						14
64		1				1						3	4		

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	32	32	32	32	32	32	32	32	32	32	32	32	32	32
MIC	N of resistant isolates	18	1	10	9	7	20	0	11	0	17	20	14	0	14
	>64	17											9		
	128					1					5				
	>128					2					12				
	>1024											20			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked

Sampling Stage: Border inspection activities

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Brazil

Sampling Details: imported frozen poultry meat preparation; n=5; max 1 isolate/batch

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin	
	Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
	Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
	ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
	Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
	Highest limit	32	64	64	64	128	128	2	16	16	64
	N of tested isolates	27	27	27	27	27	27	27	27	27	27
	N of resistant isolates	25	27	2	16	24	0	7	0	0	5
	MIC										
	<=0.015						10				
<=0.03								24			
0.03						10					
<=0.064			8								
0.064						5		3			
<=0.12						6		8			
0.12	2		5				1				
0.25	8		1			7	1	17			
0.5	3				3	1		2			
2			1	1	2						
4	1	1	4	4	6	5				7	
8	4	6	6	6	7	6				15	
16	2	8	2	2	8	2				5	
32	3	1		2	1						

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	27	27	27	27	27	27	27	27	27	27
N of resistant isolates	25	27	2	16	24	0	7	0	0	5
MIC										
>32	4									
64		2		6						
>64		9		6						

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked

Sampling Stage: Border inspection activities

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Brazil

Sampling Details: imported frozen poultry meat preparation; n=5; max 1 isolate/batch

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	27	27	27	27	27	27	27	27	27	27	27	27	27	27
	N of resistant isolates	27	1	27	24	5	22	0	17	0	18	21	15	0	15
<=0.015							4								
<=0.03										26					
0.03							1								
0.064										1					
<=0.25														22	7
0.25							5								
<=0.5					3				7						
0.5							3							5	5
<=1								25							
1							3		3						
<=2			2										11		
2					1		2	2							
<=4											5				
4			16	1	5		3						1		
>4				26											
<=8						19						1			
8			7		8		1				2				
>8					10		5								
16			1			3			1		2	1			
32			1						7			3			1
>32									9						14

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2	
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32	
	N of tested isolates	27	27	27	27	27	27	27	27	27	27	27	27	27	27	
	N of resistant isolates	27	1	27	24	5	22	0	17	0	18	21	15	0	15	
	64						1						1	2		
>64	27											13				
128						1						3				
>128						3						15				
>1024												21				

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Gallus gallus (fowl) - broilers

Sampling Stage: Slaughterhouse

Sampler: Official sampling

Analytical Method: Dilution - sensititre

Country of Origin: Netherlands

Sampling Details: N_A

Sampling Type: animal sample - caecum

Sampling Strategy: Objective sampling

Sampling Context: Monitoring

Programme Code: AMR MON pnl2

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	3	3	3	3	3	3	3	3	3	3
N of resistant isolates	3	3	1	1	2	1	0	0	0	0
MIC										
<=0.015							2			
<=0.03									3	
0.03							1			
<=0.064			2							
<=0.12						2		2		
0.25	1							1		
0.5	1				1					
2										1
4		1	1	1	1					1
8		1		1	1	1				1
16	1									
32		1								
64				1						

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Gallus gallus (fowl) - broilers

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Netherlands

Sampling Details: N_A

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	300	300	300	300	300	300	300	300	300	300	300	300	300	300
	N of resistant isolates	141	0	3	3	21	123	0	13	0	118	122	91	0	110
<=0.015							155								
<=0.03										300					
0.03							22								
0.12							7								
<=0.25				297							224				96
0.25							78								
<=0.5					297					212					
0.5							25				66				91
<=1		1			300										
1					1		10		71			10			3
<=2			10			180									
2		68			4										
<=4			174												
4		83	118	1		1							28		
>4				2											
<=8						261					174				
8		7	153	2		3			3			5	1		
16			19		18			7			3				
32					6			2			1		1		
>32															110
64						5					18		3	30	

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	300	300	300	300	300	300	300	300	300	300	300	300	300	300
MIC	N of resistant isolates	141	0	3	3	21	123	0	13	0	118	122	91	0	110
	>64	141											60		
	128					1					52				
	>128					9					48				
	256											3			
	512											1			
	>1024											118			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Gallus gallus (fowl) - broilers

Sampling Stage: Slaughterhouse

Sampler: Official sampling

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Type: animal sample - caecum

Sampling Strategy: Objective sampling

Sampling Context: Monitoring - EFSA specifications

Programme Code: ESBL MON pnI2

Sampling Details: 42418 18-2-2016

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	13	13	13	13	13	13	13	13	13	13
N of resistant isolates	10	13	4	5	13	4	0	0	0	0
MIC										
<=0.015							8			
<=0.03							12			
0.03							3			
<=0.064	7									
0.064							2	1		
<=0.12							5	6		
0.12	3		2		5				6	
0.25	2		3				6			
0.5	2		1				1			
1	1	1				2				
2			1				4			
4	1	1	3	3	1	2	5			
8	1	5	1	5	4	2	5			
16	2	3	1			3				

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	13	13	13	13	13	13	13	13	13	13
N of resistant isolates	10	13	4	5	13	4	0	0	0	0
MIC										
32	1			2	2					
64		2		2						

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin	
	Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
	Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
	ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
	Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
	Highest limit	32	64	64	64	128	128	2	16	16	64
	N of tested isolates	19	19	19	19	19	19	19	19	19	19
	N of resistant isolates	17	19	2	5	19	2	0	0	0	0
	MIC										
	<=0.015							14			
<=0.03							19				
0.03							3				
<=0.064			13								
0.064							2				
<=0.12					11		7				
0.12	2	4									
0.25	1					6	11				
0.5	4							1			
1	2	1				5					
2	1	2			1	4					
4	6		1	8	3	2	7				
8	2	1	1	5	1					10	
16	6	3			3	6					2
32	1	3			1						
64	3										
>64				1							

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin	
	Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
	Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
	ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
	Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
	Highest limit	32	64	64	64	128	128	2	16	16	64
	N of tested isolates	16	16	16	16	16	16	16	16	16	16
	N of resistant isolates	16	16	2	3	15	2	2	1	0	0
	MIC										
	<=0.015							9			
<=0.03									14		
0.03							5				
<=0.064			10								
0.064									2		
<=0.12						8		3			
0.12			3				2				
0.25	1		1			3		10			
0.5	2				1	3		2			
1					4			1			
2	1			2	6					2	
4	3	1		7	1					6	
8	1	2	2	4	1	2				7	
16	5	4			2					1	
32	1	5		2	1						
>32	2										
64		4									
>64				1							

AM substance														
	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin				
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available				
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available				
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8				
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5				
Highest limit	32	64	64	64	128	128	2	16	16	64				
N of tested isolates	15	15	15	15	15	15	15	15	15	15				
N of resistant isolates	15	15	2	3	14	2	1	0	0	0				
MIC														
<=0.015							11							
<=0.03									15					
0.03							3							
<=0.064			10											
<=0.12							8	5						
0.12			3				1							
0.25	2					3			10					
0.5	3				1	2								
1	3				1									
2					4									
4	2	6			6	2					5			
8	2	2	1	6	2	1					6			
16	3	2	1	1	3	1					3			
32			2				2							
64				3	1									
>64				1										

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin	
	Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
	Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
	ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
	Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
	Highest limit	32	64	64	64	128	128	2	16	16	64
	N of tested isolates	12	12	12	12	12	12	12	12	12	12
	N of resistant isolates	12	12	1	1	12	1	0	0	0	0
	MIC										
<=0.015							10				
<=0.03									12		
0.03							2				
<=0.064			11								
<=0.12						6		10			
0.25	2					5		2			
0.5	1										
1	2				2						
2					5						
4		1		6	1					5	
8	2	2	1	5	2					7	
16	4	2			2						
32	1	1				1					
64		4		1							
>64		2									

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	9	9	9	9	9	9	9	9	9	9
N of resistant isolates	9	9	2	2	8	2	0	0	0	0
MIC										
<=0.015							8			
<=0.03									9	
0.03							1			
<=0.064			7							
<=0.12						6		8		
0.25	3					1		1		
0.5	1				1					
1	1				3					
2				1						1
4	1		1	4		1				4
8	1	5	1	2	1	1				3
16	2				4					1
32		2								
64		2		2						

MIC	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin	
	Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
	Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
	ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8	
	Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5	
	Highest limit	32	64	64	64	128	128	2	16	16	64	
	N of tested isolates	7	7	7	7	7	7	7	7	7	7	
	N of resistant isolates	7	7	1	1	7	1	0	0	0	0	
	<=0.015								6			
	<=0.03									7		
<=0.064	6											
0.064							1					
<=0.12						3			2			
0.25	1					3			5			
0.5	1											
1	1											
2	3				1							
4				4							4	
8			1	1	2	1	1					2
16			4			3					1	
32			1			2						
>32	1											
>64			1	1								

AM substance										
	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	10	10	10	10	10	10	10	10	10	10
N of resistant isolates	9	10	1	2	10	1	0	0	0	0
MIC										
<=0.015							9			
<=0.03									10	
0.03							1			
<=0.064			8							
<=0.12							5	6		
0.12	1			1						
0.25	1					4	4			
0.5	1									
1	1				2					
2	1					2				
4			1	5	1	1				5
8	1	4			3	3				3
16				1	2					1
32	3				1					1
>32	1									
64			2							
>64			3							

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin	
	Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
	Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
	ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
	Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
	Highest limit	32	64	64	64	128	128	2	16	16	64
	N of tested isolates	16	16	16	16	16	16	16	16	16	16
	N of resistant isolates	15	16	4	4	15	4	0	0	0	0
	MIC										
	<=0.015							11			
<=0.03									16		
0.03							4				
<=0.064			12								
0.064							1				
<=0.12						8		9			
0.12	1										
0.25	2					4		7			
0.5	2				1						
1	2				4						
2	2			2	1					2	
4	1		1	5						3	
8		7	3	5	4	3				9	
16	4	1			5	1				2	
32	1	3			1						
>32	1										
64		4		3							
>64		1		1							

AM substance										
	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	19	19	19	19	19	19	19	19	19	19
N of resistant isolates	18	19	7	7	18	7	0	0	0	0
MIC										
<=0.015							12			
<=0.03							19			
0.03							5			
<=0.064			11							
0.064							2			
<=0.12					11			16		
0.12	1			1						
0.25	8					1			3	
0.5	3				1					
1					4					
2			1			3				
4			2	4	9	1	5	13		
8	1	8	3	3	3	1	6			
16	4	1				7	1			
>32	2									
64			5			7				
>64			2							

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin	
	Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
	Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
	ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
	Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
	Highest limit	32	64	64	64	128	128	2	16	16	64
	N of tested isolates	15	15	15	15	15	15	15	15	15	15
	N of resistant isolates	15	15	2	3	15	2	0	0	0	0
	MIC										
	<=0.015							12			
<=0.03									15		
0.03							3				
<=0.064			13								
<=0.12						12	12				
0.25	4					1	3				
0.5	1										
1	1				2						
2	3	1			4						
4				3	1	7					
8			5	2	9	5	2	7			
16	3	3			1	2	1				
32	1					1					
>32	2										
64			4	2							
>64			2								

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Gallus gallus (fowl) - broilers

Sampling Stage: Slaughterhouse

Sampler: Official sampling

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Type: animal sample - caecum

Sampling Strategy: Objective sampling

Sampling Context: Monitoring - EFSA specifications

Programme Code: ESBL MON

Sampling Details: 42418 18-2-2016

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	13	13	13	13	13	13	13	13	13	13	13	13	13	13
	N of resistant isolates	13	1	13	13	2	7	0	2	0	6	9	9	0	5
<=0.015															
<=0.03															
<=0.25															
0.25															
<=0.5															
0.5															
<=1															
1															
<=2															
2															
<=4															
4															
>4															
<=8															
8															
>8															
16															
32															
>32															
64															
>64															

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2	
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32	
	N of tested isolates	13	13	13	13	13	13	13	13	13	13	13	13	13	13	
	N of resistant isolates	13	1	13	13	2	7	0	2	0	6	9	9	0	5	
	128											2				
>128						2						4				
>1024												9				

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	19	19	19	19	19	19	19	19	19	19	19	19	19	19
	N of resistant isolates	19	3	19	18	4	12	0	1	0	12	14	9	0	7
<=0.015							7								
<=0.03										19					
<=0.25														13	7
0.25							6								
<=0.5					1				16						
0.5							1							5	3
<=1								19							
1				1	6		2		2					1	2
<=2			1										10		
2					2		1								
<=4											7				
4			11	2	1										
>4				16											
<=8						14						5			
8			3		6										
>8					3		2								
16			1			1									
32			2										1		
>32									1						7
64			1								1		1		
>64		19											7		
128											2				
>128						4					9				
>1024												14			

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	16	16	16	16	16	16	16	16	16	16	16	16	16	16
	N of resistant isolates	16	0	16	14	1	6	0	1	0	6	13	10	0	6
<=0.015							10								
<=0.03										16					
<=0.25														9	6
0.25							2								
<=0.5					2				12						
0.5							1							7	2
<=1								16							
1					6				3						2
<=2			4										5		
2					4		1								
<=4											10				
4			8	1			1						1		
>4				15											
<=8						13						3			
8			3		2										
>8					2		1								
16			1			2									
32									1				2		
>32															6
64											2		2		
>64		16											6		
128											1				
>128						1					3				
>1024												13			

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	15	15	15	15	15	15	15	15	15	15	15	15	15	15
	N of resistant isolates	15	1	15	15	4	8	0	0	0	8	11	8	0	6
<=0.015						7									
<=0.03										15					
<=0.25														10	3
0.25						2									
<=0.5									13						
0.5						3								5	5
<=1								15							
1				1	4		2		1						1
<=2													7		
2					2				1						
<=4											7				
4			9	3	1										
>4				11											
<=8						11						4			
8			5		2		1								
>8					6										
32			1			3							1		
>32															6
64													3		
>64		15											4		
128											1				
>128						1					7				
>1024												11			

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	N of resistant isolates	12	1	12	12	1	4	0	0	0	3	8	6	0	6
<=0.015							8								
<=0.03										12					
<=0.25														7	4
0.25							1								
<=0.5									9						
0.5							1							5	2
<=1								12							
1					4		1		3						
<=2													6		
2					3										
<=4											8				
4			7	3											
>4				9											
<=8						10						4			
8			4		3		1				1				
>8					2										
16						1									
32			1												
>32															6
64													4		
>64		12											2		
>128						1					3				
>1024												8			

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	N of resistant isolates	9	1	9	8	1	5	0	0	0	5	7	4	0	5
<=0.015							4								
<=0.03										9					
<=0.25														4	4
0.25							3								
<=0.5					1				7						
0.5							1							5	
<=1								9							
1					3				2						
<=2			1										5		
2							1								
<=4											4				
4				3											
>4				6											
<=8						8						2			
8			6		1										
>8					4										
16			1												
32													1		
>32															5
64						1							2		
>64		9	1										1		
128											3				
>128											2				
>1024												7			

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	N of resistant isolates	7	0	7	7	3	4	0	1	0	4	4	5	0	2
<=0.015							3								
<=0.03										7					
<=0.25														6	3
<=0.5									3						
0.5							3							1	2
<=1								7							
1							1		3						
<=2													1		
2					1										
<=4											3				
4			1										1		
>4				7											
<=8						2						3			
8			6		2										
>8					4										
16						2			1						
>32															2
64						2							1		
>64		7											4		
128											2				
>128						1					2				
>1024												4			

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	N of resistant isolates	10	1	10	10	4	7	0	1	0	7	8	5	0	8
<=0.015							2								
<=0.03										10					
0.03							1								
<=0.25														10	2
<=0.5									5						
0.5							4								
<=1								10							
1					1		1		4						
<=2													5		
2					3										
<=4											3				
4			2	4	2										
>4				6											
<=8						6						2			
8			6		4		1		1						
>8							1								
16			1												
32			1												
>32															8
64						1							4		
>64		10											1		
128						1					1				
>128						2					6				
>1024												8			

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	16	16	16	16	16	16	16	16	16	16	16	16	16	16
	N of resistant isolates	16	2	16	15	7	6	0	3	0	5	14	12	0	6
<=0.015							8								
<=0.03										16					
0.03							2								
0.12							1								
<=0.25														10	6
0.25							1								
<=0.5					1				7						
0.5							1							6	4
<=1								16							
1					4		3		4						
<=2			3										4		
2					1				2						
<=4											11				
4			6	1											
>4				15											
<=8						9						2			
8			5		2										
>8					8										
32			2						2				3		
>32									1						6
64						2							5		
>64		16											4		
128						1									
>128						4					5				
>1024												14			

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	19	19	19	19	19	19	19	19	19	19	19	19	19	19
	N of resistant isolates	19	0	19	19	4	10	0	3	0	10	17	11	0	7
<=0.015							8								
<=0.03										19					
0.03							1								
<=0.25														15	6
0.25							3								
<=0.5									7						
0.5							2							4	4
<=1								19							
1					4		2		9						2
<=2			2										8		
2				1	4		1								
<=4											9				
4			8	5	1										
>4				13											
<=8						15						2			
8			8		7		1								
>8					3		1								
16			1												
32						1			1				1		
>32									2						7
64						2					1		6		
>64		19											4		
128						1					5				
>128											4				
>1024												17			

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	15	15	15	15	15	15	15	15	15	15	15	15	15	15
	N of resistant isolates	15	1	15	15	4	5	0	3	0	5	13	7	0	10
<=0.015							8								
<=0.03										15					
0.03							2								
<=0.25														11	3
0.25							3								
<=0.5									9						
0.5							1							2	1
<=1								15							
1				1	4		1		2					2	1
<=2													5		
2					1				1						
<=4											10				
4			5	2	1				1				3		
>4				12											
<=8						10						2			
8			9		8										
>8					1										
16						1			1						
32						1			1						
>32															10
64			1			1							2		
>64		15											5		
128						2					3				
>128											2				
>1024												13			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Crustaceans - shrimps - cooked

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Bangladesh

Sampling Details: N_A

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	1	0	0	1	0	0	0	0	0
MIC										
<=0.015							1			
<=0.03									1	
<=0.064			1							
<=0.12						1		1		
2					1					
4				1						
8										1
16	1									
32		1								

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Crustaceans - shrimps - cooked

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Bangladesh

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	1	1	0	1	0	0	0	0	0	0	0	0
MIC														
<=0.03														
<=0.25														
0.25														
<=1														
1														
<=2														
<=4														
4														
>4														
<=8														
16														
>64														

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Goats - milk goats

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Surveillance

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: FAECES GOAT

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin	
	Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
	Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
	ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
	Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
	Highest limit	32	64	64	64	128	128	2	16	16	64
	N of tested isolates	9	9	9	9	9	9	9	9	9	9
MIC	N of resistant isolates	6	9	0	5	9	0	0	0	0	3
	<=0.015							8			
	<=0.03							9			
	0.03							1			
	<=0.064	3									
	<=0.12							2	2		
	0.12	3	1								
	0.25	1					2	5			
	0.5	2					2				
	1	1		5	2						
	2	4		3							
	4	1		3		3	2	2			
	8				1	2	4				
	16	1	1			2	3				
	32	2	2	3							

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	9	9	9	9	9	9	9	9	9	9
N of resistant isolates	6	9	0	5	9	0	0	0	0	3
MIC										
64				1						
>64		1								

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Goats - milk goats

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Surveillance

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Netherlands

Sampling Details: FAECES GOAT

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	N of resistant isolates	9	0	9	9	3	2	0	2	0	0	6	5	0	7
<=0.015							6								
<=0.03										9					
0.03							1								
<=0.25														6	
<=0.5									4						
0.5							2							3	1
<=1								9							
1					1				2						1
<=2													2		
2				5	2				1						
<=4											7				
4			3		3								2		1
>4				4											
<=8						4									
8			6		1						2				
>8					2										
16						2									
32												2			
>32									2						6
64												1	2		
>64		9											3		

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	9	9	9	9	9	9	9	9	9	9	9	9	9	9
MIC	N of resistant isolates	9	0	9	9	3	2	0	2	0	0	6	5	0	7
	128					1									
	>128					2									
	>1024											6			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Gallus gallus (fowl) - laying hens

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Unknown

Sampling Details: N_A

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	193	193	193	193	193	193	193	193	193	193	193	193	193	193
	N of resistant isolates	10	0	0	0	1	6	0	0	0	6	5	17	0	4
<=0.015							155								
<=0.03										192					
0.03							31								
0.064							1			1					
0.12							1								
<=0.25				193										155	86
0.25							4								
<=0.5					193				112						
0.5														35	93
<=1		1						193							
1							1		74					3	10
<=2			11										156		
2		74							7						
<=4											186				
4		100	101										20		
<=8						185						188			
8		8	80								1				
16			1			7									
32											1				
>32															4
64													7		

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	193	193	193	193	193	193	193	193	193	193	193	193	193	193
	N of resistant isolates	10	0	0	0	1	6	0	0	0	6	5	17	0	4
>64		10											10		
128													3		
>128		1											2		
>1024													5		

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Spices and herbs - fresh

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Morocco

Sampling Details: HERBS MINT

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
	Cefotaxime synergy test	Cefotaxime synergy test	Cefotaxime synergy test	Cefotaxime synergy test	Cefotaxime synergy test	Cefotaxime synergy test	Cefotaxime synergy test	Cefotaxime synergy test	Cefotaxime synergy test	Cefotaxime synergy test
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	1	0	0	1	0	0	0	0	0
MIC										
<=0.015										
<=0.03										
<=0.064										
<=0.12										
4										
8										
16										
>64										

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Spices and herbs - fresh

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Morocco

Sampling Details: HERBS MINT

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	1	1	0	1	0	0	0	1	0	0	0	0
MIC														
<=0.03														
0.12														
<=0.25														
<=0.5														
0.5														
<=1														
<=2														
4														
>4														
<=8														
8														
32														
>64														

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Spices and herbs - fresh

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Unknown

Sampling Details: HERBS CHIVES

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	1	0	1	1	0	1	0	0	0
MIC										
<=0.03									1	
0.064							1			
<=0.12								1		
0.25	1									
8		1	1			1				1
16					1					
>64				1						

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Spices and herbs - fresh

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Unknown

Sampling Details: HERBS CHIVES

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	1	1	1	1	1	0	0	0	1	1	1	0	1
MIC														
<=0.03														
<=0.25														
<=0.5														
<=1														
>4														
>8														
32														
>32														
>64														
128														
>128														
>1024														

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Spices and herbs - fresh

Sampling Stage: Border inspection activities

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Malaysia

Sampling Details: HERBS BASIL

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	8	8	0.5	16	0.06	0.5	0.125	8
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	64
N of tested isolates	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	1	0	0	1	0	0	0	0	0
MIC										
<=0.03									1	
0.03							1			
<=0.12						1				
0.12			1							
0.25								1		
4					1					
8				1						1
16	1									
>64		1								

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Spices and herbs - fresh

Sampling Stage: Border inspection activities

Sampling Type: food sample

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country of Origin: Malaysia

Sampling Details: HERBS BASIL

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	1	1	0	1	0	0	0	0	0	0	0	0
MIC														
<=0.03														
0.25														
<=0.5														
0.5														
<=1														
<=2														
<=4														
>4														
<=8														
8														
64														
>64														

OTHER ANTIMICROBIAL RESISTANCE TABLES

Table Antimicrobial susceptibility testing of Enterococcus, non-pathogenic - E. faecalis in Meat from turkey - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - passive

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Netherlands

Sampling Details:N_A

AM substance	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin
ECOFF	4	32	4	4	4	32	4	4	2	4	0.25	4
Lowest limit	0.5	4	0.12	0.25	1	8	0.5	0.5	0.5	1	0.03	1
Highest limit	64	128	16	32	128	1024	64	64	64	128	4	128
MIC												
0.064											1	
0.12											26	
<=0.25				1								
0.25											9	
<=0.5	4							1	36			
0.5			7									
<=1					7					3		16
1	28		24	14			6					
2	4		3	20	5		30					19
<=4		1										
4				1	1			1				1
<=8						22						
8		25						23				
16		4			1	14		11				
>16			2									
32		4			2					5		
64		1								6		
128		1								22		
>128					20							

Table Antimicrobial susceptibility testing of Enterococcus, non-pathogenic - E. faecalis in Meat from turkey - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - passive

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Unknown

Sampling Details:N_A

MIC	AM substance	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin
	ECOFF												
	Lowest limit												
	Highest limit												
0.12												4	
0.25												2	
<=0.5										6			
<=1						1					1		3
1		5		6	1								
2		1			5	1		6					3
4						1							
<=8							3						
8			6						4				
16							3		2				
128											5		
>128						3							

Table Antimicrobial susceptibility testing of Enterococcus, non-pathogenic - E. faecalis in Meat from turkey - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - passive

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Germany

Sampling Details:N_A

MIC	AM substance	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin
	ECOFF												
	Lowest limit												
	Highest limit												
0.12												14	
0.25				2								7	
<=0.5		3								21			
0.5				6	1								
<=1						2					2		13
1		16		12	9			3					
2		2			11	4		18			1		8
<=4			1										
<=8							8						
8			15			1			12				
16			1	1			12		8				
32			1						1		2		
64							1				1		
128			3								14		
>128						14					1		

Table Antimicrobial susceptibility testing of Enterococcus, non-pathogenic - E. faecalis in Meat from broilers (Gallus gallus) - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - passive

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Netherlands

Sampling Details:N_A

MIC	AM substance	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin
	ECOFF												
	Lowest limit												
	Highest limit												
0.064												7	
0.12												22	
0.25												9	
<=0.5		3								38			
0.5				6									
<=1						7					16		20
1		29		28	14			5					
2		6		3	18	8		33					16
<=4			2										
4					6	2			1				2
<=8							14						
8			32						22				
16			2	1			24		13				
32						1			2		4		
64			1								5		
128			1								13		
>128						20							

Table Antimicrobial susceptibility testing of Enterococcus, non-pathogenic - E. faecalis in Meat from broilers (Gallus gallus) - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - passive

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Belgium

Sampling Details:N_A

MIC	AM substance												
	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin	
	ECOFF	4	32	4	4	32	4	4	2	4	0.25	4	
	Lowest limit	0.5	4	0.12	0.25	8	0.5	0.5	0.5	1	0.03	1	
	Highest limit	64	128	16	32	1024	64	64	64	128	4	128	
0.12											1		
<=0.5									1				
<=1										1			1
1	1												
2			1	1	1		1						
8		1						1					
16						1							

Table Antimicrobial susceptibility testing of Enterococcus, non-pathogenic - E. faecalis in Meat from broilers (Gallus gallus) - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - passive

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Unknown

Sampling Details:N_A

MIC	AM substance	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin
	ECOFF												
	Lowest limit												
	Highest limit												
0.12												9	
0.25												1	
<=0.5		1								10			
0.5				2									
<=1						4							7
1		8		8	3			3					
2		1			6			7					1
<=4			1										
4					1	1							2
<=8							3						
8			9						8				
16							7		2				
32											2		
64											4		
128											4		
>128						5							

Table Antimicrobial susceptibility testing of Enterococcus, non-pathogenic - E. faecalis in Meat from broilers (Gallus gallus) - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - passive

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Germany

Sampling Details:N_A

MIC	AM substance	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin
	ECOFF												
	Lowest limit												
	Highest limit												
0.12												1	
0.25												5	
<=0.5										6			
<=1						1					1		4
1		6		5	3			4					
2				1	3			2					2
<=4			1										
<=8							5						
8			5						1				
16							1		4		1		
32									1		1		
128											3		
>128						5							

Table Antimicrobial susceptibility testing of Enterococcus, non-pathogenic - E. faecalis in Meat from broilers (Gallus gallus) - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - passive

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:France

Sampling Details:N_A

MIC	AM substance	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin
	ECOFF												
	Lowest limit												
	Highest limit												
0.12												1	
<=0.5										1			
0.5				1									
<=1											1		1
1		1			1								
2						1		1					
<=8							1						
8			1						1				

Table Antimicrobial susceptibility testing of Enterococcus, non-pathogenic - E. faecium in Meat from turkey - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - passive

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Netherlands

Sampling Details:N_A

MIC	AM substance	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin
	ECOFF												
	Lowest limit												
	Highest limit												
0.064												2	
0.12												4	
0.25												2	
<=0.5	1									8			
<=1											3		7
1	4								2				
2	2			1	2	3		4	1				
4				7	6	2		4	5				1
<=8							4						
8			6										
16			1				4						
32			1										
64	1												
128											5		
>128						3							

Table Antimicrobial susceptibility testing of Enterococcus, non-pathogenic - E. faecium in Meat from turkey - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - passive

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Poland

Sampling Details:N_A

MIC	AM substance												
	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin	
	ECOFF	4	32	4	4	32	4	1	2	4	0.25	4	
	Lowest limit	0.5	4	0.12	0.25	8	0.5	0.5	0.5	1	0.03	1	
	Highest limit	64	128	16	32	1024	64	64	64	128	4	128	
0.12											1		
<=0.5									1				
<=1												1	
2							1						
4			1	1				1					
8		1											
16						1							
64	1												
128										1			
>128					1								

Table Antimicrobial susceptibility testing of Enterococcus, non-pathogenic - E. faecium in Meat from turkey - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - passive

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Unknown

Sampling Details:N_A

MIC	AM substance	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin
	ECOFF												
	Lowest limit												
	Highest limit												
0.12												1	
<=0.5										1			
<=1													1
1									1				
2					1			1					
4				1									
<=8							1						
8		1	1										
128											1		
>128						1							

Table Antimicrobial susceptibility testing of Enterococcus, non-pathogenic - E. faecium in Meat from turkey - fresh - chilled

Sampling Stage: Retail

Sampler: Official sampling

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Germany

Sampling Details:N_A

Sampling Type: food sample

Sampling Strategy: Objective sampling

Sampling Context: Monitoring - passive

Programme Code: OTHER AMR MON

MIC	AM substance	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin
	ECOFF												
	Lowest limit												
	Highest limit												
0.064												1	
0.12												2	
0.25												4	
<=0.5									1	7			
<=1											1		6
1		5		1	1				3				
2		1		1	2	1		3	1				1
<=4			1										
4		1		5	4	1		4	1				
<=8							5						
8			2						1				
16			3			1	2						
32			1										
128											4		
>128						4					2		

Table Antimicrobial susceptibility testing of Enterococcus, non-pathogenic - E. faecium in Meat from broilers (Gallus gallus) - fresh - chilled

Sampling Stage: Retail

Sampler: Official sampling

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Italy

Sampling Details:N_A

Sampling Type: food sample

Sampling Strategy: Objective sampling

Sampling Context: Monitoring - passive

Programme Code: OTHER AMR MON

MIC	AM substance											
	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin
	ECOFF	4	32	4	4	32	4	1	2	4	0.25	4
	Lowest limit	0.5	4	0.12	0.25	8	0.5	0.5	0.5	1	0.03	1
	Highest limit	64	128	16	32	128	64	64	64	128	4	128
0.12											1	
<=0.5									1			
<=1												1
2							1					
4			1	1				1				
16		1				1						
64	1											
128										1		
>128					1							

Table Antimicrobial susceptibility testing of Enterococcus, non-pathogenic - E. faecium in Meat from broilers (Gallus gallus) - fresh - chilled

Sampling Stage: Retail

Sampler: Official sampling

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Netherlands

Sampling Details:N_A

Sampling Type: food sample

Sampling Strategy: Objective sampling

Sampling Context: Monitoring - passive

Programme Code: OTHER AMR MON

MIC	AM substance	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin
	ECOFF												
	Lowest limit												
	Highest limit												
0.064												17	
0.12												6	
0.25				1									
<=0.5	1								3	23			
<=1						4					18		16
1	14			3	1			1	10				
2	5			6	3	3		15	3				6
<=4			2										
4	2			11	16	4		7	7				1
<=8							16						
8			15	2	3	5							
16			6				6						
64											3		
>64	1												
128						2					2		
>128						5							
>1024							1						

Table Antimicrobial susceptibility testing of Enterococcus, non-pathogenic - E. faecium in Meat from broilers (Gallus gallus) - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - passive

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Unknown

Sampling Details:N_A

MIC	AM substance	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin
	ECOFF	4	32	4	4	4	32	4	1	2	4	0.25	4
	Lowest limit	0.5	4	0.12	0.25	1	8	0.5	0.5	0.5	1	0.03	1
	Highest limit	64	128	16	32	128	1024	64	64	64	128	4	128
	0.25											1	
<=0.5										1			
<=1											1		1
1									1				
2		1				1		1					
4				1									
<=8							1						
8			1		1								

Table Antimicrobial susceptibility testing of Enterococcus, non-pathogenic - E. faecium in Meat from broilers (Gallus gallus) - fresh - chilled

Sampling Stage: Retail

Sampler: Official sampling

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Germany

Sampling Details:N_A

Sampling Type: food sample

Sampling Strategy: Objective sampling

Sampling Context: Monitoring - passive

Programme Code: OTHER AMR MON

MIC	AM substance												
	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin	
	ECOFF	4	32	4	4	32	4	1	2	4	0.25	4	
	Lowest limit	0.5	4	0.12	0.25	8	0.5	0.5	0.5	1	0.03	1	
	Highest limit	64	128	16	32	1024	64	64	64	128	4	128	
0.064											1		
0.12											1		
<=0.5								1	2				
<=1										2			
1	2							1					
2			2									2	
4				2			2						
<=8						2							
8		2			2								

Table Antimicrobial susceptibility testing of Enterococcus, non-pathogenic - E. faecium in Meat from broilers (Gallus gallus) - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring - passive

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:France

Sampling Details:N_A

MIC	AM substance											
	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin
	ECOFF	4	32	4	4	32	4	1	2	4	0.25	4
	Lowest limit	0.5	4	0.12	0.25	8	0.5	0.5	0.5	1	0.03	1
	Highest limit	64	128	16	32	1024	64	64	64	128	4	128
0.25											1	
<=0.5	1								1			
<=1												1
2				1			1	1				
4			1									
<=8						1						
8		1										
64										1		
>128					1							

Specific monitoring of ESBL-/AmpC-/carbapenemase-producing bacteria and specific monitoring of carbapenemase-producing bacteria, in the absence of isolate detected

Programme Code	Matrix Detailed	Zoonotic Agent Detailed	Sampling Strategy	Sampling Stage	Sampling Details	Sampling Context	Sampler	Sample Type	Sampling Unit Type	Sample Origin	Comment	Total Units Tested	Total Units Positive
OTHER CARBA MON	Cattle (bovine animals) - dairy cows	Escherichia coli, non-pathogenic, unspecified	Objective sampling	Farm	N_A	Monitoring - active	Official sampling	animal sample - faeces	animal	Netherlands	CPE culture and RT-PCR performed	302	0
	Cattle (bovine animals) - meat production animals - calves (under 1 year)	Escherichia coli, non-pathogenic, unspecified	Objective sampling	Slaughterhouse	N_A	Monitoring - active	Official sampling	animal sample - caecum	animal	Netherlands	CPE culture and RT-PCR performed	305	0
	Crustaceans - shrimps - raw - frozen	Escherichia coli, non-pathogenic, unspecified	Objective sampling	Retail	N_A	Monitoring - active	Official sampling	food sample	single (food/feed)	Unknown	N_A	115	0
	Ducks - breeding flocks, unspecified - before slaughter	Escherichia coli, non-pathogenic, unspecified	Objective sampling	Slaughterhouse	N_A	Monitoring - active	Official sampling	animal sample - caecum	animal	Netherlands	CPE culture and RT-PCR performed	100	0
	Fish - raw -	Escherichia coli, non-	Objective sampling	Retail	N_A	Monitoring - active	Official sampling	food sample	single (food/feed)	Unknown	N_A	25	0

Latest Transmission set

Table Name	Last submitted dataset transmission date
Antimicrobial Resistance	16-Feb-2018
Animal Population	01-May-2017
Disease Status	14-Jul-2017
Food Borne Outbreaks	14-Jul-2017
Prevalence	14-Jul-2017
Text Forms	19-May-2017