

Call for continuous collection of chemical contaminants occurrence data in food and feed

Deadline:
1 October 2021

Background

In the framework of Articles 23 and 33 of Regulation (EC) No 178/2002 EFSA has received from the European Commission a mandate ([M-2010-0374](#)) to collect all available data on the occurrence of chemical contaminants in food and feed. These data are used in EFSA's scientific opinions and reports on contaminants in food and feed.

Submission of data

National food authorities, research institutions, academia, food business operators and other stakeholders are invited to submit data on occurrence of contaminants with a focus on the substances and related substances listed below. This list is not exhaustive: the full list of contaminants that can be reported and their corresponding codes are published with this call in the file 'Contaminants_PARAM.xlsx'.

Priority list of chemical contaminants to support scientific opinions in progress

Contaminants	Deadline for data submission*
Hydroxymethylfurfural (HMF) in feed for honeybees	31-May-21
Nitrosamines in food	30-Jun-21
Mineral oil hydrocarbons in food	30-Jun-21
Polybrominated diphenyl ethers in food	01-Oct-21
Grayanotoxins in certain honey	01-Oct-21
Polychlorinated naphthalenes in food and feed	01-Oct-21
Fluoride in food	01-Oct-21

*Corresponds to the date where EFSA's exposure assessors will extract the data to start the risk assessment. Data received after the indicated dates is unlikely to be considered in the ongoing scientific opinions but will be retained in the database for possible future scientific assessments.

List of chemical contaminants

Process Contaminants
Furan, 2-methylfuran, 3-methylfuran, 2,5-dimethylfuran, 2-ethylfuran and 2-pentylfuran
Acrylamide
PAHs
3-MCPD, 3-MCPD esters, 2-MCPD esters and glycidyl esters
Ethyl Carbamate
Organic contaminants
Dioxins and PCBs
Non dioxin-like PCBs
Brominated Flame Retardants
PFAS
Chlorinated Paraffins
Melamine and analogues
Benzene
Perchlorate
Inorganic
Cadmium
Lead
Arsenic (inorganic and total)
Mercury (methyl mercury and total mercury)
Fluorine in feed
Nitrates and Nitrites
Inorganic tin
Aluminium
Nickel
Mycotoxins
Aflatoxins (B1 in feed, B1, B2, G1 and G2 and Total in food, M1 in dairy)
Ochratoxin A
Deoxynivalenol (and acetylated derivatives and DON-3-glucoside)
Zearalenone and modified forms
Fumonisin and modified forms
Alternaria toxins (alternariol, alternariol monomethyl ether, tenuazonic acid, tentoxin)
Patulin
T-2 and HT-2 and modified forms
Nivalenol and modified forms
Ergot sclerotia
Ergot alkaloids
Enniatins
Sterigmatocystin
Beauvericin
Citrinin
Moniliformin
Diacetoxyscirpenol
Phomopsins
Plant toxins

Opium alkaloids
Quinolizidine alkaloids
Pyrrolizidine alkaloids
Glucosinolates
Glyco-alkaloids
Tropane alkaloids
Hydrocyanic acid
Erucic acid
Tetrahydrocannabinol
Specific for feed
<ul style="list-style-type: none"> ○ Free Gossypol ○ Theobromine ○ Ricin ○ Abrin ○ Crotin I
Organochlorine compounds specific for feed
Aldrin
Dieldrin
Camphechlor
Chlordane
DDT
Endosulfan
Endrin
Heptachlor
Hexachlorobenzene (HCB)
Hexachlorocyclohexane (HCH-alpha, beta and gamma isomers)

How to submit data

Data must be submitted in electronic format (XML) to the EFSA Data Collection Framework (DCF) <https://dcf.efsa.europa.eu/dcf-war/dc>. User credentials are required to access the DCF web interface, please contact data.collection@efsa.europa.eu to obtain the credentials.

EFSA will only accept data in SSD2 (Standard Sample Description version 2) format. In case data are compiled manually using the EFSA tools available at <https://zenodo.org/record/3941939#.YCKRnzGSnIU> the XML file must be generated for direct submission to the DCF. A short video describing how to send data to EFSA is available [here](#). The guidance 'Chemical monitoring reporting Guidance: 2021 data collection' should also be consulted for reporting requirements and is available at <https://www.efsa.europa.eu/en/supporting/pub/en-6420>

The annual major release of the catalogues (31/01/2021) and SSD2 structural metadata can be downloaded from <https://doi.org/10.5281/zenodo.779880> Guidance on the installation and use of the EFSA Catalogue browser can be found at <http://www.efsa.europa.eu/en/supporting/pub/en-1726>

The DCF will open for the 2021 chemical monitoring data collection, which also includes contaminants, from **15 April 2021** to **1 October 2021**.

Contact details

Please address any technical enquiries regarding the reporting of data to data.collection@efsa.europa.eu

'Data used in EFSA's scientific assessments will be subject to provisions concerning proactive transparency laid down in the [Decision of the Executive Director of EFSA laying down practical arrangements concerning transparency and confidentiality](#)