

Report ID	Report Date: 19/8/2013 Sample Code: 1324.130731/309 Pages: 2
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Sample ID	Product: Hydrolyzed protein Sampling: From client Labelling from Client: 'ENTOMEΛA ("ENTOMELA") 50SL BATCH NUMBER: 5013015 Ημ.Παράγ. ("Production date") 26/07/2013 Quantity: 1kg Sample condition: good Preservation: Room Temperature Sample Received: 31/7/2013 Dates of Analysis: 9-17/8/2013



	Test Parameters	Results	RL*	Method
1	Total nitrogen (% w/w)	8.39	0.10	AOAC 2001.11
-	Protein equivalent (% w/w)⁽²⁾	52.4	--	AOAC 2001.11
2	Urea nitrogen	7.92	0.10	AOAC 959.03 (in house)

CERTIFICATE OF ANALYSIS

-	Equivalent urea (% w/w)	17.2	--	--
3	Nitrogen ammoniacal (% w/w)	0.43	0.2	EN 15475:2009 (in house)
-	Equivalent ammonium salts as NH ₄ Cl (% w/w)	1.6	--	--
4	Chlorine salts as NaCl (% w/w)	1.5	0.2	ISO 457:1983 (in house)
5	Amino-acids index	1.1	--	Modified AOAC 965.31
6	Dry matter	78.0	0.1	ISO 2920:2004 (in house)
7	Insoluble in water	0.18	0.05	CIPAC MT 10.2 (modified)
8	pH (25 ⁰ C)	6.56	--	CIPAC MT 75
9	Density 20 ⁰ C (g/100ml)	1.357	--	CIPAC MT 3.3.2
10	Appearance	syropy liquid	--	Macroscopic examination
11	Color	Deep reddish- brown	--	Macroscopic examination
12	Odor	Characteristic of protein hydrolysis	--	Sensory evaluation

*RL: Reporting Limit

Notes:

(1) Protein equivalent is determined according to the equation: Protein (% w/w) = N (w/w) x 6.25

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