

Eurofins WEJ Contaminants · Neuländer Kamp 1 · D-21079 Hamburg

IGRECA SA  
attn. Mrs. Lucile Meriodeau  
Z.A Les Mulotières - BP 37  
49140 Seiches sur le Loir  
FRANKREICH

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http://www.eurofins.de/wej-contaminants.aspx

Person in charge Mrs C. Stehr  
Client support Mrs C. Stehr

Report date 10.03.2017  
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Analytical report: AR-17-JC-040575-01



Sample Code 706-2017-00651583

Reference Whole egg Powder  
Client Sample Code EP0102  
Lot-no. 7052.595  
Number 1  
Amount 274 g  
Reception temperature room temperature  
Ordered by Mrs. Lucile Meriodeau  
Submitted by Mrs. Lucile Meriodeau  
Sender Post  
Reception date time 07.03.2017  
Packaging plastic bag  
Start/end of analyses 07.03.2017 / 10.03.2017

*M/bu/2017  
Confirme  
rejetement labo*

*[Signature]  
L. Meriodeau*

**TEST RESULTS**

**Physical-chemical Analysis**

**CYP02 fat extraction for further analyses**

Method: Internal method, Gravimetry  
Subcontracted to a Eurofins laboratory accredited for this test.

Fat

**GF08T MS/MS ~ PCDD/F ~ 17 congeners ~ food / feed**

Method: EC Reg 589/2014 (food) and EC Reg 709/2014 (feed), GLS DF 100, GC-MS/MS  
Subcontracted to a Eurofins laboratory accredited for this test.

2,3,7,8-TetraCDD	< 0.037	pg/g fat
1,2,3,7,8-PentaCDD	< 0.048	pg/g fat
1,2,3,4,7,8-HexaCDD	< 0.074	pg/g fat
1,2,3,6,7,8-HexaCDD	< 0.10	pg/g fat
1,2,3,7,8,9-HexaCDD	< 0.095	pg/g fat
1,2,3,4,6,7,8-HeptaCDD	< 0.16	pg/g fat
OctaCDD	< 1.1	pg/g fat
2,3,7,8-TetraCDF	< 0.29	pg/g fat
1,2,3,7,8-PentaCDF	< 0.070	pg/g fat
2,3,4,7,8-PentaCDF	< 0.11	pg/g fat
1,2,3,4,7,8-HexaCDF	< 0.11	pg/g fat
1,2,3,6,7,8-HexaCDF	< 0.10	pg/g fat
1,2,3,7,8,9-HexaCDF	< 0.078	pg/g fat

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41.3 %

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2,3,4,6,7,8-HexaCDF	< 0.095	pg/g fat
1,2,3,4,6,7,8-HeptaCDF	< 0.11	pg/g fat
1,2,3,4,7,8,9-HeptaCDF	< 0.076	pg/g fat
OctaCDF	< 0.23	pg/g fat
WHO(2005)-PCDD/F TEQ (lower-bound)	ND	pg/g fat
WHO(2005)-PCDD/F TEQ (upper-bound)	0.219	pg/g fat
<b>GF09T MS/MS ~ PCB ~ dioxin-like / 12 WHO ~ food / feed</b>		
Method: EC Reg 589/2014 (food) and EC Reg 709/2014 (feed), GLS DF 100, GC-MS/MS		
Subcontracted to a Eurofins laboratory accredited for this test.		
PCB 77	< 3.5	pg/g fat
PCB 81	< 0.52	pg/g fat
PCB 105	21.6	pg/g fat
PCB 114	1.14	pg/g fat
PCB 118	58.4	pg/g fat
PCB 123	0.782	pg/g fat
PCB 126	< 0.48	pg/g fat
PCB 156	10.5	pg/g fat
PCB 157	< 0.79	pg/g fat
PCB 167	3.46	pg/g fat
PCB 169	< 2.3	pg/g fat
PCB 189	1.25	pg/g fat
WHO(2005)-PCB TEQ (lower-bound)	0.00291	pg/g fat
WHO(2005)-PCB TEQ (upper-bound)	0.122	pg/g fat
<b>GF004 WHO-PCDD/F+PCB TEQ</b>		
Method: EC Reg 589/2014 (food) and EC Reg 709/2014 (feed), GLS DF 100, Calculation		
Subcontracted to a Eurofins laboratory accredited for this test.		
WHO(2005)-PCDD/F+PCB TEQ (upper-bound)	0.341	pg/g fat
WHO(2005)-PCDD/F+PCB TEQ (lower-bound)	0.00291	pg/g fat
<b>GF10T MS/MS ~ PCB ~ 6 ndl ~ food / feed</b>		
Method: EC Reg 589/2014 (food) and EC Reg 709/2014 (feed), GLS DF 100, GC-MS/MS		
Subcontracted to a Eurofins laboratory accredited for this test.		
PCB 28	< 0.19	ng/g fat
PCB 52	< 0.19	ng/g fat
PCB 101	< 0.19	ng/g fat
PCB 138	< 0.19	ng/g fat
PCB 153	< 0.19	ng/g fat
PCB 180	< 0.19	ng/g fat
Total 6 ndl-PCB (lower-bound)	ND	ng/g fat
Total 6 ndl-PCB (upper-bound)	1.16	ng/g fat

Result +/- expanded measurement uncertainty (95%; k=2)

### JUDGEMENT

Dioxins and PCB's:

According to Article 1 of the Regulation (EC) No. 1881/2006 foodstuffs indicated in Annex I, Section 5 must not, when placed on the market, contain higher dioxin and PCB levels than those specified.

The maximum levels, expressed in WHO toxic equivalents using the WHO-TEFs (toxic equivalency factors, 2005) for the sum of dioxins and furans (WHO-PCDD/F-TEQ) or the sum of dioxins, furans and dioxin-like PCBs (WHO-PCDD/F-PCB-TEQ) are listed as well as limits for non-dioxin-like-PCBs.

	(WHO-PCDD/F-TEQ)	(WHO-PCDD/F +dl-PCB-TEQ)	(ndl-PCB 28, 52, 101, 138, 153, 180)
Hen eggs and egg products	2,5 pg/g fat	5,0 pg/g fat	40 ng/g fat

Considering this limit, the a.m. sample meets this requirement concerning dioxins/furans, dioxin-like PCBs and non-dioxin-like-PCBs.

The results of examination refer exclusively to the checked samples.  
 Duplicates - even in parts - must be authorized by the test laboratory in written form.  
 Eurofins WEJ Contaminants GmbH · Neuländer Kamp 1 · D-21079 Hamburg  
 Place of execution and place of jurisdiction is Hamburg - lower district court Hamburg HRB 106641  
 General Managers: Dr. Scarlett Biselli, Dr. Katrin Hoenicke Registered representatives (Prokuristen): Dr. Claudia Schulz  
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Our General Terms & Conditions, available upon request and online at <http://www.eurofins.de/lebensmittel/kontakt/avb.aspx>, shall apply.

## WEJ Contaminants

Signature

*C. Stehr*

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Analytical Service Manager (Claudia Stehr)