

## **Analytical Report**

### Haya Labs LLC.

Attn: Danny Belton

1120 20th Str., NW,, South Tower Suite S-300

DC 20036 Washington

**United States** 

Reportnr. : 672273 version 1

Product recognized as :

Product Specification : Omega 3

Reference AWB / BarCode

Packing : Plastic, ambient Sample Type : Parcel Sample

Disponent Number : L28004

Sampling Date :08-Feb-2016 Samplesize (kg) :0,337 Sealed / Seal Code : No /

Sample Arrival Date: 15-Feb-2016 10:54 ReportDate Version: 22-Sep-2016 13:51

Origin : United States Lot/Colli Number :L28004

#### **Contaminations**

**EFSA/TEF-** calculation feed

**Parameter** Amount (A.R.)

Sum ndl-PCB's (ICES-6) 0,010 mg/kg

### **EFSA/TEF-** calculation food

**Parameter** Amount (A.R.)

WHO (PCDD/PCDF); Upper bound 0,18 ng/kg TEQ WHO (PCDD/PCDF); Upper bound 0,18 ng TEQ/kg fat WHO (PCB); Upperbound 1,82 ng/kg TEQ 1,82 ng/kg TEQ Fat WHO (PCB); Upperbound, WHO-PCDD/F-PCB; Upperbound, 2,00 ng/kg TEQ Fat 2,00 ng/kg TEQ Fat WHO-PCDD/F-PCB; Upperbound,

### Dioxins, dl PCBs, ndl PCBs

, ,	101	
Parameter	Amount (A.R.)	
PCB-77.	76,2	ng/kg fat
PCB-77.	76,2	ng/kg fat
PCB-81.	2,6	ng/kg fat
PCB-81.	< 1,0	ng/kg fat
PCB-126.	16,3	ng/kg fat
PCB-126.	16,3	ng/kg fat
PCB-169	3,8	ng/kg fat
PCB-169	< 1,0	ng/kg fat
PCB-105.	531	ng/kg fat
PCB-105.	531	ng/kg fat
PCB-114.	37	ng/kg fat
PCB-114.	37	ng/kg fat
PCB-118.	1120	ng/kg fat
PCB-118.	1120	ng/kg fat
PCB-123.	23	ng/kg fat
PCB-123.	23	ng/kg fat
PCB-156.	219	ng/kg fat

Requested 15-Feb-2016 by Haya Labs LLC. Analyses according to annex

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Drs. ing. H. Janssens Director TLR International Laboratories



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PCB-156.		219	ng/kg fat	Q
PCB-157.	V. Committee	55	ng/kg fat	Q
PCB-157.	Vid.	55	ng/kg fat	Q
PCB-167.		139	ng/kg fat	Q
PCB-167.		139	ng/kg fat	Q
PCB-189		38	ng/kg fat	Q
PCB-189		38	ng/kg fat	Q
WHO (PCB); Medi	iumbound	1,82	ng/kg TEQ Fat	
WHO (PCB); Medi	umbound	1,82	ng/kg TEQ Fat	
WHO (PCB); Lowe	er bound	1,82	ng/kg TEQ	
WHO (PCB); Lowe	er bound.	1,82	ng/kg TEQ Fat	
Dioxins				
Parameter	Amo	ount (A.R.	.)	
2,3,7,8-TCDD.		< 0,04	ng/kg fat	Q
2,3,7,8-TCDD.	5.0	< 0,04	ng/kg fat	Q
1,2,3,7,8-PeCDD.	10.1	< 0,04	ng/kg fat	Q
1,2,3,7,8-PeCDD.	1001	< 0,04	ng/kg fat	Q
1,2,3,4,7,8-HxCDD	).	< 0,05	ng/kg fat	Q
1,2,3,4,7,8-HxCDD	).	< 0,05	ng/kg fat	Q
1,2,3,6,7,8-HxCDD	).	< 0,05	ng/kg fat	Q
1,2,3,6,7,8-HxCDD	).	< 0,05	ng/kg fat	Q
1,2,3,7,8,9-HxCDD	).	< 0,05	ng/kg fat	Q
1,2,3,7,8,9-HxCDD	).	< 0,05	ng/kg fat	Q
1,2,3,4,6,7,8-HpC[	DD.	< 0,05	ng/kg fat	Q
1,2,3,4,6,7,8-HpC[	DD.	< 0,05	ng/kg fat	Q
OCDD.		< 2	ng/kg fat	Q
OCDD.		< 2	ng/kg fat	Q
2,3,7,8-TCDF.		0,19	ng/kg fat	Q
2,3,7,8-TCDF.		0,19	ng/kg fat	Q
1,2,3,7,8-PeCDF.		< 0,04	ng/kg fat	Q
1,2,3,7,8-PeCDF.		< 0,04	ng/kg fat	Q
2,3,4,7,8-PeCDF.		100	ng/kg fat	Q
2,3,4,7,8-PeCDF.		0,13	ng/kg fat	Q

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Analyses according to annex
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# **Analytical Report**

Reportnr. : 672273 version 1 Disponent Number : L28004 Product recognized as Product Specification : Omega 3 Sampling Date :08-Feb-2016 Reference Samplesize (kg) :0,337 AWB / BarCode Sealed / Seal Code : No / Packing : Plastic, ambient Sample Arrival Date: 15-Feb-2016 10:54 ReportDate Version: 22-Sep-2016 13:51 Sample Type : Parcel Sample 1,2,3,4,7,8-HxCDF. < 0,05 ng/kg fat Q < 0,05 ng/kg fat Q 1,2,3,4,7,8-HxCDF. 1,2,3,6,7,8-HxCDF. < 0,05 ng/kg fat Q Q 1,2,3,6,7,8-HxCDF. < 0,05 ng/kg fat < 0,05 ng/kg fat Q 1,2,3,7,8,9-HxCDF. 1,2,3,7,8,9-HxCDF. < 0,05 ng/kg fat Q < 0,05 ng/kg fat Q 2,3,4,6,7,8-HxCDF. < 0,05 ng/kg fat Q 2,3,4,6,7,8-HxCDF. < 0,15 ng/kg fat Q 1,2,3,4,6,7,8-HpCDF. 1,2,3,4,6,7,8-HpCDF. < 0,15 ng/kg fat Q Q 1,2,3,4,7,8,9-HpCDF. < 0,15 ng/kg fat < 0,15 ng/kg fat Q 1,2,3,4,7,8,9-HpCDF. OCDF. < 2,0 Q ng/kg fat OCDF. < 2,0 ng/kg fat Q WHO (PCDD/PCDF); Medium bou 0,12 ng TEQ/kg fat WHO (PCDD/PCDF); Medium bou 0,12 ng TEQ/kg fat 0,06 ng/kg TEQ WHO (PCDD/PCDF); Lower bound 1,940 ng/kg TEQ WHO-PCDD/F-PCB; Medium boun WHO-PCDD/F-PCB; Medium boun 1,94 ng TEQ/kg fat WHO-PCDD/F-PCB Lower bound 1,88 ng TEQ/kg fat WHO-PCDD/F-PCB Lower bound 1,88 ng TEQ/kg fat 0,06 ng/kg TEQ Fat WHO (PCDD/PCDF); Lower bound **Poly Chlorinated Biphenyls** Amount (A.R.) **Parameter** PCB 28. < 0,001 mg/kg fat PCB 52. < 0,001 mg/kg fat PCB 101. 0,002 mg/kg fat Q PCB 138. 0,003 mg/kg fat Q Q PCB 153. 0,004 mg/kg fat PCB 180. 0,002 mg/kg fat Q - Analyses ISO 17025 accredited by RvA (ILAC)

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T.L.R. Technisch Laboratorium Rotterdam B.V. is also registered in the register of 'Labcode recognised test laboratories' under no. LC/16 Findings are based on the sample as submitted. TLR does not assume responsibility for sampling, selection, representativity and identifications such as codes, markings or product names. Details regarding methodology and measuring uncertainty will be provided upon request. Contact info@tfr.nl.

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Sealed / Seal Code : No /

**ANNEX** 

**Method Descriptions** 

Contaminations

**EFSA/TEF-** calculation food

**Method Description Method Code** 

Calculation food of Toxic Equivalency Factors for dioxins and dioxinlike PCB's [WHO-20051

Dioxins

**Method Code Method Description** 

The mediumbound conc: For the calculation of the total TEQ, the values lower than LOQ, were regarded as the value of half of LOQ

The lowerbound conc: For the calculation of the TEQ, the values lower than LOQ, were regarded as zero.

Poly Chlorinated Biphenyls

**Method Description Method Code** Determination of the content of PCBs; GPC-LC-GCMS method Own method

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