

## 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
WHO (PCB); Upperbound,	1,82 ng/kg TEQ Fat
WHO-PCDD/F-PCB; Upperbound,	2,00 ng/kg TEQ Fat
WHO-PCDD/F-PCB; Upperbound,	2,00 ng/kg TEQ Fat

#### Dioxins, dl PCBs, ndl PCBs

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

Q  
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Q  
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Q  
Q  
Q  
Q  
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Q  
Q  
Q  
Q

Requested 15-Feb-2016 by Haya Labs LLC.

Analyses according to annex

Drs. ing. H. Janssens Director TLR International Laboratories

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PCB-156.	219	ng/kg fat	Q
PCB-157.	55	ng/kg fat	Q
PCB-157.	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); Mediumbound	1,82	ng/kg TEQ Fat	
WHO (PCB); Mediumbound	1,82	ng/kg TEQ Fat	
WHO (PCB); Lower bound	1,82	ng/kg TEQ	
WHO (PCB); Lower bound.	1,82	ng/kg TEQ Fat	

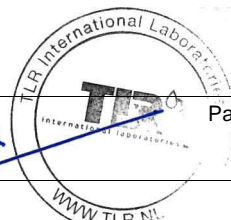
### Dioxins

Parameter	Amount (A.R.)	
2,3,7,8-TCDD.	< 0,04	ng/kg fat
2,3,7,8-TCDD.	< 0,04	ng/kg fat
1,2,3,7,8-PeCDD.	< 0,04	ng/kg fat
1,2,3,7,8-PeCDD.	< 0,04	ng/kg fat
1,2,3,4,7,8-HxCDD.	< 0,05	ng/kg fat
1,2,3,4,7,8-HxCDD.	< 0,05	ng/kg fat
1,2,3,6,7,8-HxCDD.	< 0,05	ng/kg fat
1,2,3,6,7,8-HxCDD.	< 0,05	ng/kg fat
1,2,3,7,8,9-HxCDD.	< 0,05	ng/kg fat
1,2,3,7,8,9-HxCDD.	< 0,05	ng/kg fat
1,2,3,4,6,7,8-HpCDD.	< 0,05	ng/kg fat
1,2,3,4,6,7,8-HpCDD.	< 0,05	ng/kg fat
OCDD.	< 2	ng/kg fat
OCDD.	< 2	ng/kg fat
2,3,7,8-TCDF.	0,19	ng/kg fat
2,3,7,8-TCDF.	0,19	ng/kg fat
1,2,3,7,8-PeCDF.	< 0,04	ng/kg fat
1,2,3,7,8-PeCDF.	< 0,04	ng/kg fat
2,3,4,7,8-PeCDF.	0,13	ng/kg fat
2,3,4,7,8-PeCDF.	0,13	ng/kg fat

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Sample Type : Parcel Sample	

1,2,3,4,7,8-HxCDF.	< 0,05	ng/kg fat	Q
1,2,3,4,7,8-HxCDF.	< 0,05	ng/kg fat	Q
1,2,3,6,7,8-HxCDF.	< 0,05	ng/kg fat	Q
1,2,3,6,7,8-HxCDF.	< 0,05	ng/kg fat	Q
1,2,3,7,8,9-HxCDF.	< 0,05	ng/kg fat	Q
1,2,3,7,8,9-HxCDF.	< 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.	< 0,05	ng/kg fat	Q
1,2,3,4,6,7,8-HpCDF.	< 0,15	ng/kg fat	Q
1,2,3,4,6,7,8-HpCDF.	< 0,15	ng/kg fat	Q
1,2,3,4,7,8,9-HpCDF.	< 0,15	ng/kg fat	Q
1,2,3,4,7,8,9-HpCDF.	< 0,15	ng/kg fat	Q
OCDF.	< 2,0	ng/kg fat	Q
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	
WHO (PCDD/PCDF); Lower bound	0,06	ng/kg TEQ	
WHO-PCDD/F-PCB; Medium boun	1,940	ng/kg TEQ	
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	
WHO (PCDD/PCDF); Lower bound	0,06	ng/kg TEQ Fat	

### Poly Chlorinated Biphenyls

Parameter	Amount (A.R.)	
PCB 28.	< 0,001	mg/kg fat
PCB 52.	< 0,001	mg/kg fat
PCB 101.	0,002	mg/kg fat
PCB 138.	0,003	mg/kg fat
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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Sample Type :	Parcel Sample		

### ANNEX

#### Method Descriptions

#### Contaminations

##### EFSA/TEF- calculation food

##### Method Description

Calculation food of Toxic Equivalency Factors for dioxins and dioxinlike PCB's [WHO-2005]

##### Method Code

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##### Dioxins

##### 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.

##### Method Code

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##### Poly Chlorinated Biphenyls

##### Method Description

Determination of the content of PCBs; GPC-LC-GCMS method

##### Method Code

Own method

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