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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**	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
Sample Type	: Parcel Sample	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	Q
PCB-77.	76,2	ng/kg fat	Q
PCB-81.	2,6	ng/kg fat	Q
PCB-81.	< 1,0	ng/kg fat	Q
PCB-126.	16,3	ng/kg fat	Q
PCB-126.	16,3	ng/kg fat	Q
PCB-169..	3,8	ng/kg fat	Q
PCB-169..	< 1,0	ng/kg fat	Q
PCB-105.	531	ng/kg fat	Q
PCB-105.	531	ng/kg fat	Q
PCB-114.	37	ng/kg fat	Q
PCB-114.	37	ng/kg fat	Q
PCB-118.	1120	ng/kg fat	Q
PCB-118.	1120	ng/kg fat	Q
PCB-123.	23	ng/kg fat	Q
PCB-123.	23	ng/kg fat	Q
PCB-156.	219	ng/kg fat	Q

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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	Q
2,3,7,8-TCDD.	< 0,04	ng/kg fat	Q
1,2,3,7,8-PeCDD.	< 0,04	ng/kg fat	Q
1,2,3,7,8-PeCDD.	< 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-HpCDD.	< 0,05	ng/kg fat	Q
1,2,3,4,6,7,8-HpCDD.	< 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.	0,13	ng/kg fat	Q
2,3,4,7,8-PeCDF.	0,13	ng/kg fat	Q

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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	Q
PCB 52.	< 0,001	mg/kg fat	Q
PCB 101.	0,002	mg/kg fat	Q
PCB 138.	0,003	mg/kg fat	Q
PCB 153.	0,004	mg/kg fat	Q
PCB 180.	0,002	mg/kg fat	Q

Q - Analyses ISO 17025 accredited by RvA (ILAC)

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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-2005]	.

Dioxins

Method Description	Method Code
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