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AGROLAB GROUP
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Fresh Omega
Leidsevaart 228
2203 LC Noordwijk (ZH)

Date 14.07.2016
Customer no. 127490

REPORT 432454 / 2 - 188402 / 2

The slash after the order and/or analysis number corresponds to the current version of the test report. This version replaces all previous versions of this test report.

Order	**432454 / 2 Mermaids Omega-3**
Sample no.	**188402 / 2**
Sample acceptance	**21.04.2016**
Date of sampling	**21.04.2016**
Sample code	**Mermaids Omega 3 visolie**
Packaging	**Glass bottle**

	Unit	Result	EU regulations			Method
Elements						
Arsenic (As)	mg/kg	**<0,02**				in-house method ICP-MS (QMP_504_VW_201)
Cadmium (Cd)	mg/kg	**<0,02**	1 max			in-house method ICP-MS (QMP_504_VW_201)
Lead (Pb)	mg/kg	**<0,05**	3 max			in-house method ICP-MS (QMP_504_VW_201)
Mercury (Hg)	mg/kg	**<0,005**	0,1 max			in-house method HgFIMS (QMP_504_VW_218)
Organochloro-Pesticides						
Aldrin	mg/kg	**<0,005**				DIN EN 12393 (mod.)(KI) u)
Dieldrin	mg/kg	**<0,005**				DIN EN 12393 (mod.)(KI) u)
Endrin	mg/kg	**<0,005**				DIN EN 12393 (mod.)(KI) u)
Chlordane alpha	mg/kg	**<0,005**				DIN EN 12393 (mod.)(KI) u)
Chlordane gamma	mg/kg	**<0,005**				DIN EN 12393 (mod.)(KI) u)
Endosulfan alpha	mg/kg	**<0,005**				DIN EN 12393 (mod.)(KI) u)
Endosulfan beta	mg/kg	**<0,005**				DIN EN 12393 (mod.)(KI) u)
Endosulfansulfat	mg/kg	**<0,005**				DIN EN 12393 (mod.)(KI) u)
Hexachlorobenzene	mg/kg	**<0,005**				DIN EN 12393 (mod.)(KI) u)
HCH-alpha	mg/kg	**<0,005**				DIN EN 12393 (mod.)(KI) u)
HCH-beta	mg/kg	**<0,005**				DIN EN 12393 (mod.)(KI) u)
HCH-delta	mg/kg	**<0,005**				DIN EN 12393 (mod.)(KI) u)
Heptachlor	mg/kg	**<0,005**				DIN EN 12393 (mod.)(KI) u)
Heptachlorepoxide-cis	mg/kg	**<0,005**				DIN EN 12393 (mod.)(KI) u)
Heptachlorepoxide-trans	mg/kg	**<0,005**				DIN EN 12393 (mod.)(KI) u)
o,p-DDD	mg/kg	**<0,005**				DIN EN 12393 (mod.)(KI) u)
o,p-DDE	mg/kg	**<0,005**				DIN EN 12393 (mod.)(KI) u)
o,p-DDT	mg/kg	**<0,005**				DIN EN 12393 (mod.)(KI) u)
p,p-DDD	mg/kg	**<0,005**				DIN EN 12393 (mod.)(KI) u)
p,p-DDE	mg/kg	**<0,010**				DIN EN 12393 (mod.)(KI) u)
p,p-DDT	mg/kg	**<0,005**				DIN EN 12393 (mod.)(KI) u)
Non-dioxinlike PCB"s						
PCB-28	µg/kg	**0,165**				equivalent to NEN EN 16215 / QMP_504_VW_609

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	Unit	Result	EU regulations			Method
PCB-52	µg/kg	**0,260**				equivalent to NEN EN 16215 / QMP_504_VW_609
PCB-101	µg/kg	**0,131**				equivalent to NEN EN 16215 / QMP_504_VW_609
PCB-138	µg/kg	**0,524**				equivalent to NEN EN 16215 / QMP_504_VW_609
PCB-153	µg/kg	**0,140**				equivalent to NEN EN 16215 / QMP_504_VW_609
PCB-180	µg/kg	**1,73**				equivalent to NEN EN 16215 / QMP_504_VW_609
Sum PCB (ICES - 6)	µg/kg	**3,0**	200 max			calculation ICES-6
Dioxinlike PCB"s						
PCB 77	ng/kg	**<10,0**				equivalent to NEN EN 16215 / QMP_504_VW_609
PCB 81	ng/kg	**<10,0**				equivalent to NEN EN 16215 / QMP_504_VW_609
PCB 105	ng/kg	**22,0**				equivalent to NEN EN 16215 / QMP_504_VW_609
PCB 114	ng/kg	**<10,0**				equivalent to NEN EN 16215 / QMP_504_VW_609
PCB 118	ng/kg	**<100**				equivalent to NEN EN 16215 / QMP_504_VW_609
PCB 123	ng/kg	**<10,0**				equivalent to NEN EN 16215 / QMP_504_VW_609
PCB 126	ng/kg	**<1,00**				equivalent to NEN EN 16215 / QMP_504_VW_609
PCB 156	ng/kg	**265**				equivalent to NEN EN 16215 / QMP_504_VW_609
PCB 157	ng/kg	**77,0**				equivalent to NEN EN 16215 / QMP_504_VW_609
PCB 167	ng/kg	**108**				equivalent to NEN EN 16215 / QMP_504_VW_609
PCB 169	ng/kg	**<1,00**				equivalent to NEN EN 16215 / QMP_504_VW_609
PCB 189	ng/kg	**66,0**				equivalent to NEN EN 16215 / QMP_504_VW_609
TE-WHO (upper-bound, only PCB)	ng/kg	**0,154** xx)				Calculation WHO 2005 (s. Anm.)
Dioxins and Dibenzofurans						
2,3,7,8-Tetra CDD	ng/kg	**<0,0500**				equivalent to NEN EN 16215 / QMP_504_VW_609
1,2,3,7,8-Penta CDD	ng/kg	**<0,0500**				equivalent to NEN EN 16215 / QMP_504_VW_609
1,2,3,4,7,8-Hexa CDD	ng/kg	**<0,0500**				equivalent to NEN EN 16215 / QMP_504_VW_609
1,2,3,6,7,8-Hexa CDD	ng/kg	**<0,0500**				equivalent to NEN EN 16215 / QMP_504_VW_609
1,2,3,7,8,9-Hexa CDD	ng/kg	**<0,0500**				equivalent to NEN EN 16215 / QMP_504_VW_609
1,2,3,4,6,7,8-HpCDD	ng/kg	**<0,200**				equivalent to NEN EN 16215 / QMP_504_VW_609
Octa CDD	ng/kg	**<2,00**				equivalent to NEN EN 16215 / QMP_504_VW_609
2,3,7,8-Tetra CDF	ng/kg	**<0,0500**				equivalent to NEN EN 16215 / QMP_504_VW_609
1,2,3,7,8-Penta CDF	ng/kg	**<0,0500**				equivalent to NEN EN 16215 / QMP_504_VW_609
2,3,4,7,8-Penta CDF	ng/kg	**<0,0500**				equivalent to NEN EN 16215 / QMP_504_VW_609
1,2,3,4,7,8-Hexa CDF	ng/kg	**<0,0500**				equivalent to NEN EN 16215 / QMP_504_VW_609
1,2,3,6,7,8-Hexa CDF	ng/kg	**<0,0500**				equivalent to NEN EN 16215 / QMP_504_VW_609
1,2,3,7,8,9-Hexa CDF	ng/kg	**<0,0500**				equivalent to NEN EN 16215 / QMP_504_VW_609
2,3,4,6,7,8-Hexa CDF	ng/kg	**<0,0500**				equivalent to NEN EN 16215 / QMP_504_VW_609

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	Unit	Result	EU regulations			Method
1,2,3,4,6,7,8-Hepta CDF	ng/kg	**<0,200**				equivalent to NEN EN 16215 / QMP_504_VW_609
1,2,3,4,7,8,9-Hepta CDF	ng/kg	**<0,200**				equivalent to NEN EN 16215 / QMP_504_VW_609
Octa CDF	ng/kg	**<2,00**				equivalent to NEN EN 16215 / QMP_504_VW_609
TE-WHO (upper-bound, only PCDD/F)	ng/kg	**0,164** *xx)*	1,75 max			Calculation WHO 2005 (s. Anm.)
TE-WHO total (upper-bound,sum Dioxine + PCB)	ng/kg	**0,317** *xx)*	6 max			Calculation WHO 2005 (s. Anm.)

Other analysis

Fenvalerat / Esfenvalerat (sum of RR- / SS-Isomere)	mg/kg	**<0,010**				DIN EN 12393 (mod.)(KI) u)
Fenvalerat / Esfenvalerat (sum of RS- / SR-Isomere)	mg/kg	**<0,010**				DIN EN 12393 (mod.)(KI) u)
Chlordane oxy	mg/kg	**<0,005**				DIN EN 12393 (mod.)(KI) u)
Sum Endosulfan-alpha, -beta, -sulfat	mg/kg	**<0,02** *x)*				calculated(KI) n)
HCH-epsilon	mg/kg	**<0,005**				DIN EN 12393 (mod.)(KI) u)
HCH-gamma (Lindan)	mg/kg	**<0,005**				DIN EN 12393 (mod.)(KI) u)
Methoxychlor	mg/kg	**<0,005**				DIN EN 12393 (mod.)(KI) u)
Quintozene	mg/kg	**<0,005**				DIN EN 12393 (mod.)(KI) u)
Tecnazene	mg/kg	**<0,005**				DIN EN 12393 (mod.)(KI) u)
Tetradifon	mg/kg	**<0,005**				DIN EN 12393 (mod.)(KI) u)
Nitrofen	mg/kg	**<0,005**				DIN EN 12393 (mod.)(KI) u)
Bifenthrin	mg/kg	**<0,010**				DIN EN 12393 (mod.)(KI) u)
Bromophos-ethyl	mg/kg	**<0,010**				DIN EN 12393 (mod.)(KI) u)
Bromophos-methyl	mg/kg	**<0,010**				DIN EN 12393 (mod.)(KI) u)
Chlorphenvinphos	mg/kg	**<0,010**				DIN EN 12393 (mod.)(KI) u)
Chlorpyrifos	mg/kg	**<0,010**				DIN EN 12393 (mod.)(KI) u)
Chlorpyrifos-methyl	mg/kg	**<0,010**				DIN EN 12393 (mod.)(KI) u)
Chlorthion	mg/kg	**<0,010**				DIN EN 12393 (mod.)(KI) u)
Cyfluthrine	mg/kg	**<0,010**				DIN EN 12393 (mod.)(KI) u)
Cypermethrin	mg/kg	**<0,010**				DIN EN 12393 (mod.)(KI) u)
Deltamethrin	mg/kg	**<0,010**				DIN EN 12393 (mod.)(KI) u)
Diazinon	mg/kg	**<0,010**				DIN EN 12393 (mod.)(KI) u)
Dichlorvos	mg/kg	**<0,010**				DIN EN 12393 (mod.)(KI) u)
Dimethoate	mg/kg	**<0,010**				DIN EN 12393 (mod.)(KI) u)
Ethion	mg/kg	**<0,010**				DIN EN 12393 (mod.)(KI) u)
Fenitrothion	mg/kg	**<0,010**				DIN EN 12393 (mod.)(KI) u)
Fenpropathrine	mg/kg	**<0,010**				DIN EN 12393 (mod.)(KI) u)
Fenthion	mg/kg	**<0,010**				DIN EN 12393 (mod.)(KI) u)
lambda-Cyhalothrine	mg/kg	**<0,010**				DIN EN 12393 (mod.)(KI) u)
Malathion	mg/kg	**<0,010**				DIN EN 12393 (mod.)(KI) u)
Mecarbame	mg/kg	**<0,010**				DIN EN 12393 (mod.)(KI) u)
Methidathion	mg/kg	**<0,010**				DIN EN 12393 (mod.)(KI) u)
Parathion-ethyl	mg/kg	**<0,010**				DIN EN 12393 (mod.)(KI) u)
Parathion-methyl	mg/kg	**<0,010**				DIN EN 12393 (mod.)(KI) u)
Permethrin	mg/kg	**<0,010**				DIN EN 12393 (mod.)(KI) u)
Pirimiphos-ethyl	mg/kg	**<0,010**				DIN EN 12393 (mod.)(KI) u)
Pirimiphos-methyl	mg/kg	**<0,010**				DIN EN 12393 (mod.)(KI) u)
Profenofos	mg/kg	**<0,010**				DIN EN 12393 (mod.)(KI) u)
Sulfotep	mg/kg	**<0,010**				DIN EN 12393 (mod.)(KI) u)

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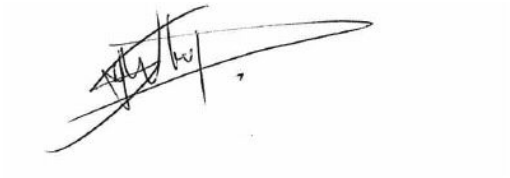
max Maximum value.
x) The sum calculation is done without taking into account the report limits.
xx) For each single result below the LOD, the LOD was used for the calculation, for each single result between LOD and LOQ, the LOQ was used for the calculation.
Explanation: "<" or "n.q." represent the fact that the concentration of the analyte is below the limit of quantification (LOQ).

n) Not accredited
u) Forwarded to an accredited Agrolab group laboratory

According to the extent of the analysis the sample complies with the requirements of: ?? EU Regulations



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Agrolab group laboratories
Analysed by
(KI) AGROLAB Location Kiel, OT Suchsdorf, Dr.-Hell-Str. 6, 24107 Kiel, OT Suchsdorf
Methods
calculated
(KI) AGROLAB Location Kiel, OT Suchsdorf, Dr.-Hell-Str. 6, 24107 Kiel, OT Suchsdorf, for the cited method accredited according to ISO/IEC 17025:2005, certificate of Accreditation: D-PL-14082-01-00
Methods
DIN EN 12393 (mod.)

Start of testing: 21.04.2016
End of testing: 28.04.2016

The analytical results are only valid for the delivered sample material. A plausibility check is hardly possible for samples of unknown origin.