AGROLAB Dr. VERWEY B.V.
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AGROLAB GROUP
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Date 16.12.2022
Customer no. [redacted]

REPORT

Order **676569[redacted] Omega-3 DHA & EPA - Batchnummer: 1469410100/08/24**
Sample no. **632881**
Sample acceptance **08.12.2022**
Customer sample description **[redacted] Omega-3 DHA & EPA**
Batchnummer: 1469410100/08/24
Packaging [redacted]

		Unit	Result				Method
Physical chemical analyses							
Anisidin value	*)		**3,2**				equivalent to AOCS Cd 18-90
Peroxide value		meq O2/kg	**3,1**				MP-01296-NL ISO 3960:2017
Totox value	*)		**9,3**				conform NEN EN ISO 6885 (2016)
Polycyclic Aromatic Hydrocarbons							
Benz(a)anthracene		µg/kg	**<0,4**				MP-01456-NL in house method
Benzo(a)pyrene		µg/kg	**0,3**				MP-01456-NL in house method
Benzo(b)fluoranthene		µg/kg	**0,3**				MP-01456-NL in house method
Benzo(c)fluorene	*)	µg/kg	**<1,0**				MP-01456-NL in house method
Benzo(g,h,i)perylene		µg/kg	**<0,4**				MP-01456-NL in house method
Benzo(j)fluoranthene		µg/kg	**<0,4**				MP-01456-NL in house method
Benzo(k)fluoranthene		µg/kg	**0,1**				MP-01456-NL in house method
Chrysene		µg/kg	**<0,4**				MP-01456-NL in house method
Cyclopenta(c,d)pyrene		µg/kg	**<1,0**				MP-01456-NL in house method
Dibenzo(a,e)pyrene		µg/kg	**<0,2**				MP-01456-NL in house method
Dibenzo(a,h)anthracene		µg/kg	**<0,4**				MP-01456-NL in house method
Dibenzo(a,h)pyrene		µg/kg	**<0,4**				MP-01456-NL in house method
Dibenzo(a,i)pyrene		µg/kg	**<0,4**				MP-01456-NL in house method
Dibenzo(a,l)pyrene		µg/kg	**<0,2**				MP-01456-NL in house method
Indeno(1,2,3-c,d)pyrene		µg/kg	**<0,5**				MP-01456-NL in house method
5-Methylchrysene		µg/kg	**<0,1**				MP-01456-NL in house method
Sum BaP,BaA,Chr and BbF		µg/kg	**<1,0** *x)*				MP-01456-NL in house method
Fatty acid composition							
Caproic acid C6:0	*)	%	**<0,1**				Ph. Eur. Method 2.4.29
Caprylic acid C8:0	*)	%	**<0,1**				Ph. Eur. Method 2.4.29
Nonanoic acid C9:0	*)	%	**<0,1**				Ph. Eur. Method 2.4.29
Capric acid C10:0	*)	%	**<0,1**				Ph. Eur. Method 2.4.29
Lauric acid C12:0	*)	%	**0,2**				Ph. Eur. Method 2.4.29
Myristic acid C 14:0	*)	%	**3,0**				Ph. Eur. Method 2.4.29
Myristoleicacid C14:1	*)	%	**<0,1**				Ph. Eur. Method 2.4.29
C15 branched	*)	%	**<0,1**				Ph. Eur. Method 2.4.29
Pentadecanoic acid C15:0	*)	%	**0,4**				Ph. Eur. Method 2.4.29
Pentadecenoid acid C15:1	*)	%	**<0,1**				Ph. Eur. Method 2.4.29
Palmitic acid C16:0	*)	%	**21,9**				Ph. Eur. Method 2.4.29
Palmitoleinic acid C16:1	*)	%	**1,1**				Ph. Eur. Method 2.4.29
Hexadecadioic acid C16:2 (n-4)	*)	%	**<0,1**				Ph. Eur. Method 2.4.29

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TESTING RvA L 234

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Date 16.12.2022
Customer no. [redacted]

REPORT

Order **676569** [redacted] Omega-3 DHA & EPA - Batchnummer: 1469410100/08/24
Sample no. **632881**

		Unit	Result				Method
Hexadecatrienoic acid C16:3 (n-3)	*)	%	**<0,1**				Ph. Eur. Method 2.4.29
Hexadecatetraoic acid C16:4 (n-3)	*)	%	**<0,1**				Ph. Eur. Method 2.4.29
C17 branched	*)	%	**<0,1**				Ph. Eur. Method 2.4.29
Margaric acid C17:0	*)	%	**0,1**				Ph. Eur. Method 2.4.29
Heptadecenoic acid C17:1	*)	%	**<0,1**				Ph. Eur. Method 2.4.29
Stearic acid C18:0	*)	%	**1,5**				Ph. Eur. Method 2.4.29
Octadecenoic acid C18:1 (n-9)	*)	%	**6,8**				Ph. Eur. Method 2.4.29
Octadecadienoic acid C18:2 (n-6)	*)	%	**0,9**				Ph. Eur. Method 2.4.29
Octadecatrienoic acid C18:3 (n-3)	*)	%	**0,2**				Ph. Eur. Method 2.4.29
Octadecatrienoic acid C18:3 (n-6)	*)	%	**<0,1**				Ph. Eur. Method 2.4.29
Octadecatetraenoic acid C18:4 (n-3)	*)	%	**0,1**				Ph. Eur. Method 2.4.29
Nonadecanoic acid C19:0	*)	%	**<0,1**				Ph. Eur. Method 2.4.29
Arachidic acid C20:0	*)	%	**0,4**				Ph. Eur. Method 2.4.29
Eicosenoic acid C 20:1	*)	%	**<0,1**				Ph. Eur. Method 2.4.29
Eicosadienoic acid C 20:2	*)	%	**<0,1**				Ph. Eur. Method 2.4.29
Eicosatrienoic acid C20:3 (n-3)	*)	%	**<0,1**				Ph. Eur. Method 2.4.29
Eicosatrioic acid C20:3 (n-6)	*)	%	**<0,1**				Ph. Eur. Method 2.4.29
Eicosatetraenoic acid C20:4 (n-3)	*)	%	**0,6**				Ph. Eur. Method 2.4.29
Eicosatetraenoic acid C20:4 (n-6)	*)	%	**1,4**				Ph. Eur. Method 2.4.29
Eicosapentaenic acid (EPA) C20:5 (n-3)	*)	%	**16,2**				Ph. Eur. Method 2.4.29
Heneicosanoic acid C21:0	*)	%	**<0,1**				Ph. Eur. Method 2.4.29
Heneicosapentanoic acid C21:5 (n-3)	*)	%	**<0,1**				Ph. Eur. Method 2.4.29
Behenic acid C22:0	*)	%	**<0,1**				Ph. Eur. Method 2.4.29
Docosenoic acid C 22:1	*)	%	**<0,1**				Ph. Eur. Method 2.4.29
Docosadienoic acid C22:2	*)	%	**<0,1**				Ph. Eur. Method 2.4.29
Docosatrienoic acid C 22:3	*)	%	**<0,1**				Ph. Eur. Method 2.4.29
Docosatetraenoic acid C22:4 (n-3)	*)	%	**<0,1**				Ph. Eur. Method 2.4.29
Docosatetranoic acid C22:4 (n-6)	*)	%	**<0,1**				Ph. Eur. Method 2.4.29
Docosapentaenoic acid (DPA) C22:5 (n-3)	*)	%	**3,6**				Ph. Eur. Method 2.4.29
Docosapentaenoic acid C22:5 (n-6)	*)	%	**2,8**				Ph. Eur. Method 2.4.29
Docosahexaenoic acid (DHA) C22:6 (n-3)	*)	%	**38,6**				Ph. Eur. Method 2.4.29
Tricosanoic acid C23:0	*)	%	**<0,1**				Ph. Eur. Method 2.4.29
Lignoceric acid C24:0	*)	%	**<0,1**				Ph. Eur. Method 2.4.29
Tetracosanoic acid C24:1	*)	%	**<0,1**				Ph. Eur. Method 2.4.29
Total saturated fatty acids	*)	%	**27,5** *x)*				Ph. Eur. Method 2.4.29
Total monounsaturated fatty acids	*)	%	**7,9** *x)*				Ph. Eur. Method 2.4.29
Total polyunsaturated fatty acids	*)	%	**64,4** *x)*				Ph. Eur. Method 2.4.29
Total polyunsaturated (>4) fatty acids	*)	%	**63,2** *x)*				Ph. Eur. Method 2.4.29
Total Omega 3 fatty acids	*)	%	**59,3** *x)*				Ph. Eur. Method 2.4.29
Total fatty acids	*)	%	**99,8** *x)*				Ph. Eur. Method 2.4.29

Total Omega 3 fatty acids

Hexadecatrienoic acid C16:3 (n-3)	*)	mg/g	**<1,0**				Ph. Eur. Method 2.4.29
Hexadecatetraoic acid C16:4 (n-3)	*)	mg/g	**<1,0**				Ph. Eur. Method 2.4.29

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REPORT

Order **676569** [redacted] Omega-3 DHA & EPA - Batchnummer: 1469410100/08/24
Sample no. **632881**

		Unit	Result				Method
alpha-Linolenic acid (ALA) C18:3 (n-3)	*)	mg/g	**1,7**				Ph. Eur. Method 2.4.29
Octadecatetraenoic acid C18:4 (n-3)	*)	mg/g	**1,1**				Ph. Eur. Method 2.4.29
Eicosatrienoic acid C20:3 (n-3)	*)	mg/g	**<1,00**				Ph. Eur. Method 2.4.29
Eicosatetraenoic acid C20:4 (n-3)	*)	mg/g	**5,30**				Ph. Eur. Method 2.4.29
Eicosapentaoic acid (EPA) C20:5 (n-3)	*)	mg/g	**159,9**				Ph. Eur. Method 2.4.29
Heneicosapentanoic acid C21:5 (n-3)	*)	mg/g	**<1,0**				Ph. Eur. Method 2.4.29
Docosatrienoic acid C22:3 (omega 3)	*)	mg/g	**<1,0**				Ph. Eur. Method 2.4.29
Docosapentaenoic acid (DPA) C22:5 (n-3)	*)	mg/g	**30,9**				Ph. Eur. Method 2.4.29
Docosahexaenoic acid (DHA) C22:6 (n-3)	*)	mg/g	**414,1**				Ph. Eur. Method 2.4.29
Total Omega 3 fatty acids	*)	mg/g	**613,0** *x)*				calculated

x) Single values below the quantification limit or the detection limit were not taken into account.
Explanation: The symbol "<" or n.d. in the result column means, the substance concerned is not quantifiable at the limit of quantification shown opposite.
Parameter-specific analytical measurement uncertainties and information regarding the method of calculation will be provided upon request if the reported results are above the parameter-specific limit of quantification.

The list of conformity accredited activities L234 (MF-04048-EN) is available on our website www.drverwey.nl

Start of testing: 08.12.2022
End of testing: 16.12.2022

The results are related only to the samples tested. In cases where the laboratory has not been responsible for sampling, the reported results apply to the samples as received. Duplication of this document or of parts of it requires the authorization from laboratory.

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