



Certificate of analysis

Specification

Batch N° : 20113
Production date : 13/05/2020
Expiration date : 12/05/2023

Test

Test	Min. value	Max. value	Unit	Result	Method
APPEARANCE AT ROOM TEMPERATURE characteristics, bland, mild fish like			Clear oil	CO	Organoleptic
Acid value		1.0	mg KOH/g	0.1	SN002
Colour		6	Gardner	1	SN030
Peroxide value		3.0	meq O ₂ /kg	0.1	SN009
Anisidine value		8		3	SN014
Total oxidation		10		3	SN026
Absorbance 233 nm		0.60	AU	0.25	SN047
Triglycerides	90		A%	91	SN064
Oligomers		1.0	A%	ND	SN064
EPA; Eicosapentaenoic acid C20 :5			A%	44	SN003
DHA ; Docosahexaenoic acid C22 :6			A%	34	SN003
DPA; Docosapentaenoic acid C22 :5 n-3			A%	4	SN003
Total n-3 (7)			A%	88	SN003
Total n-3 : EPA, DHA, 18:3, 18:4, 20:4, 21:5, 22:5					SN003
EPA; Eicosapentaenoic acid C20 :5 (TG)	400	480	mg/g	409	SN003
DHA ; Docosahexaenoic acid C22 :6 (TG)	300	370	mg/g	321	SN003
DPA; Docosapentaenoic acid C22 :5 n-3 (TG)			mg/g	39	SN003
Total n-3 (7 TG)	800	960	mg/g	833	SN003
Total n-3 : EPA, DHA, 18 :3, 18 :4, 20 :4, 21 :5, 22 :5					SN003
EPA; Eicosapentaenoic acid C20 :5 (FA)	384	462	mg/g	393	SN001
DHA ; Docosahexaenoic acid C22 :6 (FA)	288	356	mg/g	308	SN001
Total n-3 (7 FA)	769	923	mg/g	800	SN001
Total n-3 : EPA, DHA, 18 :3, 18 :4, 20 :4, 21 :5, 22 :5					
Mixed tocopherol	3.0	4.5	mg/g	4.0	SN081

Test on Raw material EPAX (analysis transfer according to EPAX certificate)

CO: Compliant
ND: Not Detected



Test	Min. value	Max. value	Unit	Result	Method
Frequency analyses from date : The following frequency analyses are analysed 1 times pr. Year with the latest results as reported below :			ddmmyy	130818	
Unsaponifiable		3	%	CO	SN018
Frequency analyses from date : The following frequency analyses are analysed 3 times pr. Year with the latest results as reported below :			ddmmyy	040719	
As, Arsenic		0.1	mg/kg	CO	SN500
Cd, Cadmium		0.005	mg/kg	CO	SN500
Pb, Lead		0.025	mg/kg	CO	SN500
Hg, Mercury		0.005	mg/kg	CO	SN500
DDT (sum : o,p' + p,p')		0.005	mg/kg	CO	SN500
DDD (sum : o,p' + p,p')		0.005	mg/kg	CO	SN021
DDE p,p'		0.005	mg/kg	CO	SN021
HCB		0.005	mg/kg	CO	SN021
PCBs all 209		0.01	mg/kg	CO	SN521
Included IUPAC-no. 28, 52, 101, 138, 153,180					
Brominated flame retardants		0.002	mg/kg	CO	SN500
IUPAC no. 47, 99, 100, 153, 154,183					
DEHP		10	mg/kg	CO	SN021
Benzo(a)pyrene		1.0	ng/g	CO	SN501
Sum 4 PAH		5.0	ng/g	CO	SN501
Dioxinlike PCBs (TE WHO)		2	pg/g	CO	SN516
Dioxins+furans (TE WHO)		1	pg/g	CO	SN516
Dioxins+furans+dioxinlike PCBs (TE WHO)		2.5	pg/g	CO	SN516
Trans fatty acids (sum of 10)		0.9	%	CO	SN003

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CO: Compliant

This edition approved on the: May 25, 2020

Prepared and Approved by: Guy Nguema Allogho

