Certificate of analysis

Seamega Oil 4030 TG-XO Ultra

Code: HUA-EP4030TGN.XO

Specification

Batch N° : 250343
Production date : 17/07/2025
Expiration date : 16/07/2028

Test

Test	Min. value	Max. value	Unit	Result	Method
APPEARANCE AT ROOM TEMPERATURE			Clear oil	CO	Organoleptic
characteristics, bland, mild fish like					
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	-	2	SN014
Total oxidation (Totox)		10	.	2	SN026
Absorbance 233 nm		0.60	AU	0.21	SN047
Triglycerides	90		A%	92	SN064
Oligomers		1.0	A%	ND	SN064
EPA; Eicosapentaenoic acid C20 :5			A%	43	SN003
DHA ; Docosahexaenoic acid C22 :6			A%	32	SN003
DPA; Docosapentaenoic acid C22 :5 n-3			A%	3	SN003
Total n-3 (7)			A%	83	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	411	SN003
DHA ; Docosahexaenoic acid C22 :6 (TG)	300	370	mg/g	309	SN003
DPA; Docosapentaenoic acid C22 :5 n-3 (TG)			mg/g	29	SN003
Total n-3 (7 TG)	780	960	mg/g	791	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	395	SN003
DHA ; Docosahexaenoic acid C22 :6 (FA)	288	356	mg/g	297	SN003
Total n-3 (7 FA)	750	923	mg/g	760	SN003
Total n-3 : EPA, DHA, 18 :3, 18 :4, 20 :4, 21 :5, 22 :5					
Mixed tocopherol	3.0	4.5	mg/g	3.5	SN081

Tests: on Raw material EPAX (analysis transfer according to certificate of Epax)

ND: Not Detected
CO: Compliant

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	240525	
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	200325	
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 Included IUPAC-no. 28, 52, 101, 138, 153,180		0.01	mg/kg	CO	SN521
Brominated flame retardants IUPAC no. 47, 99, 100, 153, 154,183		0.002	mg/kg	CO	SN500
DEHP		1	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

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

CO: Compliant

This edition approved on the: July 24, 2025

Prepared by: Quality Department

