

Certificate of analysis

SEAMEGA OIL 3424 TG-XO[®] Ultra - Premium

Code: HUA-EP3424TGN.XOP

Specification

Batch N° : 14904
Production date : 03/10/2023
Expiration date : 02/10/2026

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	2	SN030
Peroxide value		3.0	meq O ₂ /kg	0.2	SN009
Anisidine value		8	-	4	SN014
Total oxidation (totox)		10	.	4	SN001
Absorbance 233 nm		0.60	AU	0.23	SN047
Triglycerides	90		A%	94	SN064
Oligomers		1.0	A%	ND	SN064
EPA ;Eicosapentaenoic acid C20:5	34		A%	35	SN003
DHA ;Docosahexaenoic acid C22:6	24		A%	26	SN003
DPA ;Docosapentaenoic acid C22:5 n-3			A%	4	SN003
Total n-3 (7)	65		A%	73	SN003
Total n-3 : EPA, DHA, 18:3, 18:4, 20:4, 21:5, 22:5					
EPA ;Eicosapentaenoic acid C20:5 (FA)	300		mg/g	301	SN003
DHA ;Docosahexaenoic acid C22:6 (FA)	220		mg/g	230	SN003
Total n-3 (7 FA)	610		mg/g	629	SN003
Total n-3 : EPA, DHA, 18 :3, 18 :4, 20 :4, 21 :5, 22 :5					
EPA ;Eicosapentaenoic acid C20:5 (TG)	312		mg/g	314	SN003
DHA ;Docosahexaenoic acid C22:6 (TG)	229		mg/g	238	SN003
DPA ;Docosapentaenoic acid C22:5 n-3 (TG)			mg/g	37	SN003
Total n-3 (7 TG)	634		mg/g	654	SN003
Total n-3 : EPA, DHA, 18 :3, 18 :4, 20 :4, 21 :5, 22 :5					
Mixed tocopherol	3.0	4.5	mg/g	4.1	SN081

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

CO: Conform
TR: Traces

Test	Min. value	Max. value	Unit	Result	Method
Frequency analyses from date :			ddmmyy	230223	
The following frequency analyses are analysed 3 times pr. Year with the latest results as reported below :				TO 010223	
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	SN500
DDE p,p'		0.005	mg/kg	CO	SN500
HCB		0.005	mg/kg	CO	SN500
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	SN521
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

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

CO: Compliant