



INNOVATION AND EXCELLENCE SINCE 1992

Certificate of analysis

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

Code: HUA-EP3424TGN.XOP

Specification

Batch N° : 21300
Production date : 28/04/2021
Expiration date : 27/04/2024

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	0.1	SN009
Anisidine value		8	-	3	SN014
Total oxidation (totox)		10	.	3	SN026
Absorbance 233 nm		0.60	AU	0.20	SN047
Triglycerides	90		A%	93	SN064
Oligomers		1.0	A%	ND	SN064
EPA ;Eicosapentaenoic acid C20:5	34		A%	35	SN003
DHA ;Docosahexaenoic acid C22:6	24		A%	25	SN003
DPA ;Docosapentaenoic acid C22:5 n-3			A%	5	SN003
Total n-3 (7)	65		A%	72	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	306	SN003
DHA ;Docosahexaenoic acid C22:6 (FA)	220		mg/g	227	SN003
Total n-3 (7 FA)	610		mg/g	633	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	319	SN003
DHA ;Docosahexaenoic acid C22:6 (TG)	229		mg/g	235	SN003
DPA ;Docosapentaenoic acid C22:5 n-3 (TG)			mg/g	46	SN003
Total n-3 (7 TG)	634		mg/g	659	SN003
Total n-3 : EPA, DHA, 18:3, 18:4, 20:4, 21:5, 22:5					
Mixed tocopherol	3.0	4.5	mg/g	3.8	SN081

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

ND: No detected
CO: Compliant

Test	Min. value	Max. value	Unit	Result	Method
Frequency analyses from date :			ddmmyy	111120	
The following frequency analyses are analysed 3 times pr. Year with the latest results as reported below :					
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		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		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