

Certificate of analysis

EPAX Oil 4510 TG-XO ba Ultra

Code: HUA-EP4510TGN.BA

Specification

Batch Number: 250104
Production date: 13/03/2025
Expiration date: 12/03/2028

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		15	-	2	SN014
Total oxidation (Totox)		20	.	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	44		A%	44	SN003
DHA ;Docosahexaenoic acid C22:6		15	A%	32	SN003
DPA ;Docosapentaenoic acid C22:5 n-3			A%	3	SN003
Total n-3 (7)	62		A%	83	SN003
Total n-3 : EPA, DHA, 18:3, 18:4, 20:4, 21 :5, 22:5					
EPA ;Eicosapentaenoic acid C20:5 (FA)	374		mg/g	391	SN003
DHA ;Docosahexaenoic acid C22:6 (FA)	67		mg/g	299	SN003
Total n-3 (7 FA)	538		mg/g	761	SN003
Total n-3 : EPA, DHA, 18:3, 18:4, 20:4, 21:5, 22:5					
EPA ;Eicosapentaenoic acid C20:5 (TG)	390		mg/g	407	SN003
DHA ;Docosahexaenoic acid C22:6 (TG)	70		mg/g	311	SN003
DPA;Docosapentaenoic acid C22 :5 n-3 (TG)			mg/g	30	SN003
Total n-3 (7 TG)	560		mg/g	792	
Total n-3 : EPA, DHA, 18:3, 18:4, 20:4, 21:5, 22:5					
Saturated fatty acid			A%	5	SN003
Monounsaturated fatty acids			A%	15	SN003
Polyunsaturated fatty acids			A%	68	SN003
Mixed tocopherol	3.0	4.5	mg/g	4.0	SN081

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

TR: Traces

CO: Compliant

Test	Min. value	Max. value	Unit	Result	Method
Frequency analyses from date :			ddmmyy	121124	
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

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CO: Compliant

This edition approved on the: *March 20, 2025*

Prepared by: Quality Service

