

Certificate of analysis

Product: EPAX 4832 TGN	Batch no.: 2024000945	Article no.: 105007
Specification, this version valid from: 20.04.2023	Manufacturing date: 11.11.2024	Retest date: 11.11.2027
Specification no.: 105007-20		

Result code: CO = Compliant, NC = Not Compliant, NA = Not Analyzed, TR = Traces, ND = Not detected, * = OOS

Test	Min. value	Max. value	Unit	Result	Method
Appearance at room temperature: Clear oil				CO	611059
Acid Value		0.7	mg KOH/g	0.3	611002
Colour		6	Gardner	1	611065
Peroxide value		1.2	meq/kg	0.1	611009
Anisidine value		8	-	4	611014
Total oxidation		10	-	4	611136
Absorbance 233 nm		0.50	AU	0.22	611047
EPA; Eicosapentaenoic acid C20:5 (TG)	480		mg/g	489	611129
DHA; Docosahexaenoic acid C22:6 (TG)	320		mg/g	333	611129
DPA; Docosapentaenoic acid C22:5 (TG)			mg/g	43	611129
Total omega-3 (7 TG): EPA, DHA, DPA, 18:3, 18:4, 20:4, 21:5	860		mg/g	911	611129
Triglycerides	90		A%	92	611064
Diglycerides			A%	7	611064
Monoglycerides			A%	TR	611064
Oligomers		0.5	A%	ND	611064
Ethyl esters and free fatty acids		3	A%	1	611064
Mixed tocopherol	3.0	4.5	mg/g	3.8	611081

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Test	Min. value	Max. value	Unit	Result	Method
Frequency testing three times per year:			ddmmyy	130624	
As, Arsenic	0.05		mg/kg	CO	611500
Cd, Cadmium	0.002		mg/kg	CO	611500
Pb, Lead	0.01		mg/kg	CO	611500
Hg, Mercury	0.005		mg/kg	CO	611500
DDT (sum: o,p' + p,p')	0.005		mg/kg	CO	611500
DDD (sum: o,p' + p,p')	0.005		mg/kg	CO	611500
DDE p,p'	0.005		mg/kg	CO	611500
HCB	0.005		mg/kg	CO	611500
PCBs all 209	0.005		mg/kg	CO	611521
Brominated flame retardants	0.002		mg/kg	CO	611500
IUPAC no. 47, 99, 100, 153, 154, 183					
DEHP	1		mg/kg	CO	611525
Benzo(a)pyrene	0.5		ng/g	CO	611500
Sum 4 PAH	2.0		ng/g	CO	611500
Dioxinlike PCBs (TE WHO)	0.5		pg/g	CO	611516
Dioxins+furans (TE WHO)	0.5		pg/g	CO	611516
Dioxins+furans+dioxinlike PCBs (TE WHO)	1		pg/g	CO	611516
Trans fatty acids (sum of 10)	0.5		%	CO	611509
Total 3-MCPD (free and bound)	0.5		mg/kg	CO	611529
Ester-bound 3-chloropropane-1,2-diol (3-MCPD ester)					
Glycidol (calc.)	0.5		mg/kg	CO	611529
Calc. 3-MCPD forming substances (glycidol) on fat					

Shelf life is guaranteed if product is stored in unopened original closed containers, protected from heat and light.
EPAX products do not contain any components of GMO origin, IP certified tocopherols are added.

Electronically signed by: Malene Sulebakk
Date and time: 12.11.2024 10:47.30
Reason code: Analysis controlled and approved