

Specification



Product: EPAX 4020 TG/N	Specification no.: 07312-20	Shelf life/retest period: 1095 days
This edition approved: 231013	Previous edition approved: 201212	First edition approved: 140706
Prepared by: <i>Cathrine Lyngstad</i> Cathrine Lyngstad	Verified by: <i>Gilbert Lie</i> Gilbert Lie	Authorized by: <i>M. Langva</i> Jannicke Bjørkedal

Test	Min. value	Max. value	Unit	Method
Appearance at room temperature Characteristics; bland, mild fish like			Clear oil	611059
Acid Value		1,0	mg KOH/g	611002
Colour		6	Gardner	611065
Peroxide value		3,0	meq/kg	611009
Anisidine value		15	-	611014
Total oxidation		20	.	611136
Absorbance 233 nm		0,60	AU	611047
Triglycerides	90		A%	611064
Diglycerides			A%	611064
Monoglycerides			A%	611064
Oligomers		1,0	A%	611064
Eicosapentaenoic acid C20:5	42		A%	611129
Docosahexaenoic acid C22:6	21		A%	611129
Docosapentaenoic acid C22:5 n-3			A%	611129
EPA and DHA (TG)			A%	611129
Total n-3 (7)	75		A%	611129
Total n-3: EPA, DHA, 18:3, 18:4, 20:4, 21:5, 22:5				
Eicosapentaenoic acid C20:5 (TG)	400		mg/g	611129
Docosahexaenoic acid C22:6 (TG)	200		mg/g	611129
Docosapentaenoic acid (TG) C22:5 (DPA)			mg/g	611129
Total n-3 (7 TG)	700		mg/g	611129
Total n-3: EPA, DHA, 18:3, 18:4, 20:4, 21:5, 22:5				
Eicosapentaenoic acid C20:5 (FA)	380		mg/g	611129
Docosahexaenoic acid C22:6 (FA)	190		mg/g	611129
Total n-3 (7 FA)	670		mg/g	611129
Total n-3: EPA, DHA, 18:3, 18:4, 20:4, 21:5, 22:5				
Saturated fatty acid			A%	611129
Monounsaturated fatty acids			A%	611129
Polyunsaturated fatty acids			A%	611129
Mixed tocopherol	3,0	4,5	mg/g	611081

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Test	Min. value	Max. value	Unit	Method
Frequency analyses from date:			ddmmyy	
The following frequency analyses are analysed 3 times pr. year with the latest results as reported below:				
As, Arsenic		0,1	mg/kg	611500
Cd, Cadmium		0,005	mg/kg	611500
Hg, Mercury		0,005	mg/kg	611500
Pb, Lead		0,025	mg/kg	611500
DDT (sum: o,p' + p,p')		0,005	mg/kg	611500
DDD (sum: o,p' + p,p')		0,005	mg/kg	611500
DDE p,p'		0,005	mg/kg	611500
HCB		0,005	mg/kg	611500
PCBs all 209 included IUPAC-no. 28, 52, 101, 138, 153, 180		0,01	mg/kg	611521
Brominated flame retardants IUPAC no. 47, 99, 100, 153, 154, 183		0,002	mg/kg	611500
DEHP		10	mg/kg	611525
Benzo(a)pyrene		1,0	ng/g	611500
Sum 4 PAH		5,0	ng/g	611500
Dioxins+furans (TE WHO)		1	pg/g	611516
Dioxinlike PCBs (TE WHO)		2	pg/g	611516
Dioxins+furans+dioxinlike PCBs (TE WHO)		2,5	pg/g	611516
Trans fatty acids (sum of 10)		0,9	%	611509

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.

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