

Certificate of analysis



Product: EPAX 6015 EE	Batch no: 2080030	Article no: 06020
Specification no: 06020 20	Manufacturing date: 170108	Expiry date/Retest date: 1601:11
Previous specification:	Specification, this version valid from: 270607	E-2608 10A418

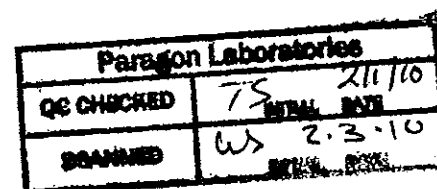
(1)CO = Comply, NC = Not Comply, NA = Not Analysed, TR = Traces, ND = Not Detected, * = OOS

Test	Specification		Unit	Result ⁽¹⁾	Date of analysis	Method
	Min. value	Max. value				
Appearance			Clear oil	CO	210108	611059
Characteristics; bland, mild fish like						
Acid Value		1,0	mg KOH/g	0,2	210108	611002
Colour		3	Gardner	3	210108	611065
Peroxide value		3,0	meq/kg	1,5	190110	611009
Anisidine value		20	-	10	190110	611014
Total oxidation		20	-	13	190110	611136
Absorbance 233 nm		0,50	AU	0,27	210108	611047
Oligomers and partial glycerids		6,0	A%	0,5	210108	611064
Eicosapentaenoic acid C20:5(EЕ)	530		mg/g	570	210108	611128
Docosahexaenoic acid C22:6(EЕ)	100	200	mg/g	170	210108	611128
EPA and DHA	700	750	mg/g	740	210108	611128
Total n-3 (7 EE)	790		mg/g	860	210108	611128
Total n-3: EPA, DHA, 18:3, 18:4, 20:4, 21:5, 22:5						
Eicosapentaenoic acid C20:5 (FA)	490		mg/g	530	210108	611128
Docosahexaenoic acid C22:6 (FA)	90	190	mg/g	160	210108	611128
Total n-3 (7 FA)	730		mg/g	790	210108	611128
Eicosapentaenoic acid C20:5	58		A%	60	210108	611128
Docosahexaenoic acid C22:6	10	22	A%	18	210108	611128
Total n-3 (7) (EE)	85		A%	89	210108	611128
Total n-3: EPA, DHA, 18:3, 18:4, 20:4, 21:5, 22:5						
Saturated fatty acids			A%	0	210108	611128
Monounsaturated fatty acids			A%	0	210108	611128
Polyunsaturated fatty acids			A%	94	210108	611128
Mixed tocopherol	2,0	3,0	mg/g	2,3	210108	611081

Analysis controlled and approved:

Beate Stokkerit

Beate Stokkerit Quality Control 19.01.10



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Specification no: 06020 20	Manufacturing date: 170108	Expiry date/Retest date: 160111
Previous specification:	Specification, this version valid from: 270607	

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Test	Specification		Unit	Result ⁽¹⁾	Date of analysis	Method
	Min. value	Max. value				
Frequency analyses from date:				ddmmyy	170108	200208
The following frequency analyses are analysed 3 times pr. year with the latest results as reported below:						
As, Arsenic		0,1	mg/kg	CO	200208	611500
Cd, Cadmium		0,01	mg/kg	CO	200208	611500
Hg, Mercury		0,005	mg/kg	CO	200208	611500
Pb, Lead		0,05	mg/kg	CO	200208	611500
DDT (sum: o,p' + p,p')		0,005	mg/kg	CO	200208	611500
DDD (sum: o,p' + p,p')		0,005	mg/kg	CO	200208	611500
DDE p,p'		0,005	mg/kg	CO	200208	611500
PCBs		0,005	mg/kg	CO	200208	611500
IUPAC no. 28, 52, 101, 118, 138, 153, 180						
Benzo(a)pyrene		1,0	ng/g	CO	200208	611500
Dioxinlike PCBs (TE WHO)		3,0	pg/g	CO	200208	611516
Dioxins + furans (TE WHO)		1	pg/g	CO	200208	611516
CO for Dioxins: Result complies with Council regulation 2375/2001						
Dioxins + furans + dioxinlike PCBs (TE WHO)		4,0	pg/g	CO	200208	611516

Shelf life is guaranteed if product is stored in unopened original closed containers, protected from heat and light.

EPAX do not contain any components of GMO origin, IP certified tocopherols are added
The batch is retested for oxidation in jan 2010. The original results were: peroxide: 0,1 meq/kg, anisidine 4 and totox 4.

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