

Specification

EPAX 5025 TG/N - FOS

	Goerlich Pharma	EPAX
Version:	2.1	18.03.2022
Article Number:	20-000158	100777

Customs tariff number: 15161090
 Usage: Food Supplement
 Origin: animal
 Manufacturing technique: Refining
 Country of origin: Norway

Composition

Fish oil concentrate	99.5	-	99.7	%
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Food Additives and functions:

Tocopherol-rich extract (E306)	0.3	-	0.5	%	Function: Antioxidant
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Allergenes acc. Regulation (EC) No 1169/2011

Presence

1. Cereals containing gluten, namely: wheat (such as spelt and khorasan wheat), rye, barley, oats or their hybridised strains, and products thereof	no
2. Crustaceans and products thereof	no
3. Eggs and products thereof	no
4. Fish and products thereof	yes
5. Peanuts and products thereof	no
6. Soybeans and products thereof	no
7. Milk and products thereof (including lactose)	no
8. Nuts, namely: almonds (<i>Amygdalus communis</i> L.), hazelnuts (<i>Corylus avellana</i>), walnuts (<i>Juglans regia</i>), cashews (<i>Anacardium occidentale</i>), pecan nuts (<i>Carya illinoensis</i> (Wangenh.) K. Koch), Brazil nuts (<i>Bertholletia excelsa</i>), pistachio nuts (<i>Pistacia vera</i>), macadamia or Queensland nuts (<i>Macadamia ternifolia</i>), and products thereof	no
9. Celery and products thereof	no
10. Mustard and products thereof	no
11. Sesame seeds and products thereof	no
12. Sulphur dioxide and sulphites at concentrations of more than 10 mg/kg or 10 mg/litre in terms of the total SO ₂	no
13. Lupin and products thereof	no
14. Molluscs and products thereof	no

Legal Status

Pesticides	The product is in accordance with Regulation (EC) No 396/2005.
Other Contaminants	The product is in accordance with Regulation (EC) No 1881/2006.
Residual Solvents	The raw material is in accordance with Directive 2009/32/EG on extraction solvents.
GMO Status	No obligation of GMO labelling as defined in Regulation (EC) No 1829/2003 and 1830/2003.
Irradiation	Product has not been subjected to irradiation.
Conformity of Packaging Material	The packaging material is in compliance with the european law.
Nanomaterial	No obligation of nanomaterial labelling as defined in Regulation (EC) No 1169/2011.
Storage	Store cool ($\leq 22^{\circ}\text{C}$) in tightly sealed packaging, protected from light and nitrogen blanketed. Once open to be used immediately.
Durability	Durable for 36 months in the original packaging under the mentioned conditions.

Product specification		
Product: EPAX 5025 TGN	Specification no.: 100777-20	Shelf life/retest period: 1095 days
This edition approved: 18.03.2022 Approved by [electronically signed]: Trine Fiskaa Hagen Lie	Previous edition approved: 15.03.2021	First edition approved: 27.04.2018

Test	Min. value	Max. value	Unit	Method
Appearance at room temperature: Clear oil				611059
Acid Value		0.7	mg KOH/g	611002
Colour		6	Gardner	611065
Peroxide value		1.2	meq/kg	611009
Anisidine value		8	-	611014
Total oxidation		10	-	611136
Absorbance 233 nm		0.50	AU	611047
EPA; Eicosapentaenoic acid C20:5 (TG)	500		mg/g	611129
DHA; Docosahexaenoic acid C22:6 (TG)	250		mg/g	611129
DPA; Docosapentaenoic acid C22:5 (TG)			mg/g	611129
Total omega-3 (7 TG): EPA, DHA, DPA, 18:3, 18:4, 20:4, 21:5	830		mg/g	611129
Triglycerides	90		A%	611064
Diglycerides			A%	611064
Monoglycerides			A%	611064
Oligomers		0.5	A%	611064
Ethyl esters and free fatty acids		3	A%	611064
Mixed tocopherol	3.0	4.5	mg/g	611081

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

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.