Product/Specification	**VivoMega 6020 TG Premium / 26910-10**
Version	**5.00**

Approved by 14.08.2025 - Ragnar Mjøen Nordvik/ QA Manager
Authorized by 14.08.2025 - Magdalena Sobieska-Pietrzak/ QA Manager

Description: **Shelf life: 3 years from date of production**

High EPA concentrate on triglyceride (TG) basis made from fish oil. The specification is a min 90% TG product with 3.0 - 4.0 mg/g of mixed tocopherols added. The mixed tocopherol (E306) is of non –GMO and identity preserved quality.

Parameter	Unit	Limit	Specification	Method	Remark
C20:5n3(EPA)	Area%	min	60	GCRO001	1
	mg/g as TG	min	600	GCRO001	1
	mg/g as FFA	min	576	GCRO001	1
C22:6n3(DHA)	Area%	min	20	GCRO001	1
	mg/g as TG	min	200	GCRO001	1
	mg/g as FFA	min	193	GCRO001	1
C22:5n3(DPA)	Area%	report		GCRO001	1
	mg/g as TG	report		GCRO001	1
	mg/g as FFA	report		GCRO001	1
EPA + DHA	mg/g as TG	report		GCRO001	1
	mg/g as FFA	report		GCRO001	1
Total omega-3	Area%	min	85	GCRO001	1
	mg/g as TG	min	850	GCRO001	1
	mg/g as FFA	min	816	GCRO001	1
Acid value	mg KOH/g	max	1.0	GCRO003	1
Peroxide value (PV)	mEq/kg	max	2.0	GCRO006	1
Anisidine value (AV)	Units	max	8	GCRO007	1
Totox (2 x PV + AV)	Units	max	10	Calculation	1
Color	Gardner	max	5	GCRO004	1
Cold test	Hours / 0°C	min	3	GCRO005	1
Specific gravity		range	0.93-0.96	GCRO015	2
Absorbance at 233 nm	Units	max	0.6	GCRO022	1
Oligomers	Area %	max	1.0	GCRO023	1
Triglycerides	Area %	min	90	GCRO023	1
Ethyl Esters and free fatty acids	Area %	max	5	GCRO023	1

Remarks:
1) Parameter analyzed in accordance with specified method on every batch, and reported on Certificate of Analysis.
2) Parameter is analyzed at least 3 times/year. Conformity is reported in Certificate of Analysis.

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Parameter	Unit	Limit	Specification	Method	Remark
Environmental parameters:					
Dioxins and furans	ng/kg WHOTEQ (2005)	max	1.0	External Laboratory	2
Dioxin-like PCBs	ng/kg WHOTEQ (2005)	max	0.5	External Laboratory	2
Sum of Dioxins, furans and Dioxin-like PCBs	ng/kg WHOTEQ (2005)	max	1.5	External Laboratory	2
PCBs (209 Congeners)	mg/kg	max	0.005	External Laboratory	2
Benzo(a)pyrene	µg/kg	max	1.0	External Laboratory	2
Sum PAH4	µg/kg	max	2.0	External Laboratory	2
Arsenic (As)	mg/kg	max	0.1	External Laboratory	2
Cadmium (Cd)	mg/kg	max	0.002	External Laboratory	2
Lead (Pb)	mg/kg	max	0.003	External Laboratory	2
Mercury (Hg)	mg/kg	max	0.002	External Laboratory	2
Pesticides:*	mg/kg	max	0.01	External Laboratory	2
3-MCPD	mg/kg	max	2.5	External Laboratory	2
Glycidyl ester	mg/kg	max	1.0	External Laboratory	2
Microbiological parameters:					
Total aerobic microbial count	cfu/1 g	max	10^3	External Laboratory	2
Total yeast and mould count	cfu/1 g	max	10^2	External Laboratory	2
Staphylococcus aureus	cfu/1 g	max	Absent	External Laboratory	2
Escherichia coli	cfu/1 g	max	Absent	External Laboratory	2
Salmonella spp	cfu/10 g	max	Absent	External Laboratory	2
Bile-tolerant Gram neg.(*Enterobacteriaceae*)	cfu/1 g	max	10^2	External Laboratory	2
Pseudomonas aeruginosa	cfu/1 g	max	Absent	External Laboratory	2

Remarks:
1) Parameter analyzed in accordance with specified method on every batch, and reported on Certificate of Analysis.
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*Pesticides are tested as specified in "pesticide specification attachment" which is available on request.
The limit of 0.01 mg/kg applies to each pesticide.
Produced from human consumption approved fish oil, in accordance with current EU Regulations.
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