

CERTIFICATE OF ANALYSIS

Omega-3-Acid Triglycerides TG100500



Batch code: T37B12D251

Analysis code: L-6709

Manufacturing date: April 25, 2022 Retest date: April 24, 2025

Reference specification: SMT-SPC-014-v08

Quality Attribute	Limit	Unit	Result	Method
Colour Gardner	max. 2.0	-	2.0	SCL-PAE-004 (AOCS Td 1a-64)
EPA (Eicosapentaenoic acid as TG)	min. 100	mg/g	140	SCL-PAE-116 (current Ph.Eur.20429)
DHA (Docosahexaenoic acid as TG)	min. 500	mg/g	507	
Total omega-3 fatty acids as TG	min. 670	mg/g	748	
EPA (Eicosapentaenoic acid as FFA)	min. 96	mg/g	134	
DHA (Docosahexaenoic acid as FFA)	min. 481	mg/g	488	
Total omega-3 fatty acids as FFA	min. 637	mg/g	720	
Ethyl esters	max. 5.0	A %	1.6	SCL-PAE-011 (current Ph.Eur.1352)
Oligomers	max. 1.0	A %	0.4	
Partial glycerides	max. 20.0	A %	8.1	
Triglycerides	min. 80.0	A %	90.0	
Peroxide value (POV)	max. 1.0	meq/kg	0.4	SCL-PAE-001 (current Ph.Eur.20505)
Anisidine value (p-AV)	max. 7.0	-	4.6	SCL-PAE-002 (current Ph.Eur.20536)
Total oxidation (2POV + p-AV)	max. 9.0	-	5.4	SCL-PAE-002
Mix tocopherols (antioxidant)	min. 2.0 max. 4.0	mg/g	3.2	SCL-PAE-013 (USP 40, NF36)
PCB 209 congeners (28, 52, 101, 118, 138, 153 & 180 included)	(**) max. 0.005	mg/kg	Compliant with specification	Third Party Laboratory (GC-HRMS)
Dioxin and furans (WHO-PCDD/F-TEQ)	(**) max 0.7	pg/g	Compliant with specification	
Dioxin & furans and dioxin-like PCBs (WHO-PCDD/F-PCB TEQ)	(**) max 1.5	pg/g	Compliant with specification	
Benzo(a)pyrene	(**) max 1.0	µg/kg	Compliant with specification	Third Party Laboratory (GC-MS)
Sum of benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene and chrysene	(**) max 5.0	µg/kg	Compliant with specification	
Lead (Pb)	(**) max 0.008	mg/kg	Compliant with specification	Third Party Laboratory (ICP-MS)
Cadmium (Cd)	(**) max 0.005	mg/kg	Compliant with specification	
Mercury (Hg)	(**) max 0.005	mg/kg	Compliant with specification	
Arsenic (As) Inorganic	(**) max 0.1	mg/kg	Compliant with specification	Third Party Laboratory (HG-AAS)
Glycidyl fatty acid esters, expressed as glycidol	(**) max 1000	µg/kg	Compliant with specification	Third Party Laboratory (GC-MS)
Sum of 3-monochloropropanediol (3-MCPD) and 3-MCPD fatty acid esters, expressed as 3-MCPD	(**) max 2500	µg/kg	Compliant with specification	
Acid value	(**) max. 1.0	mg KOH/g	Compliant with specification	SCL-PAE-003 (current Ph.Eur.20501)
Absorbance at 233 nm	(**) max. 0.65	AU	Compliant with specification	SCL-PAE-005 (current Ph.Eur.2063)
Cholesterol	(**) max 5.0	mg/g	Compliant with specification	SCL-PAE-012 (current Ph.Eur.20432)

Comments:

(**) Skip testing. Tested at regular intervals.

Certificate issue date: April 27, 2022

Signed by: Pamela Espinoza Valdés

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Authorized facsimile

Validated with signature

Original kept at QC in Golden Omega