

CERTIFICATE OF ANALYSIS

Product: Lipids bulk cps 500 mg FG
Product description: Soft gelatin capsule with 500 mg Lipids
Item no.: 44000
Batch: 30024953
Date of manufacture: 25.02.2024
Expiry date: 25.02.2027
Allergen: Crustaceans, fish

PARAMETER	SPECIFICATION	RESULT	METHOD ¹⁾
CAPSULE PROPERTIES			
Capsule size	10 oval	Complies	QK AM 0005
Appearance	Ruby, slightly viscous oil	Complies	Visual
Average fill mass Calanus® Oil	462.5-537.5 mg/capsule	Complies	QK AM 0005
STABILITY INDEX ²			
Peroxide value	NMT 5 meq/kg	0.5 meq/kg	Ph.Eur. 2.5.5
FATTY ACIDS, FATTY ALCOHOLS AND ASTAXANTHIN ^{2, 3}			
Total fatty acids	NLT 460 mg/g	582 mg/g	GC
n-3 fatty acids	NLT 185 mg/g	224 mg/g	
Eicosapentaenoic acid (EPA)	NLT 30 mg/g	65 mg/g	
Docosahexaenoic acid (DHA)	NLT 40 mg/g	49 mg/g	
Stearidonic acid (SDA)	NLT 40 mg/g	84 mg/g	
Total marine policosanols (FAOH)	NLT 280 mg/g	339 mg/g	
C22:1 n-11 fatty alcohol	NLT 120 mg/g	136 mg/g	
C20:1 n-9 fatty alcohol	NLT 90 mg/g	117 mg/g	Internal method
Astaxanthin	NLT 600 mg/kg	1690 mg/kg	
HEAVY METALS ^{2, 3}			
Inorganic Arsenic	NMT 0.1 mg/kg	<0.10 mg/kg	ASU L 25.06-1 (2008-12), mod.
Cadmium	NMT 1.0 mg/kg	0.58 mg/kg	DIN EN 1563:2010 (2010-04) mod.
Lead	NMT 0.1 mg/kg	<0.05 mg/kg	
Mercury	NMT 0.1 mg/kg	<0.005 mg/kg	
MICROBIAL ANALYSIS ^{2,3,4}			
Aerobic plate count	NMT 1000 cfu/g	<10 CFU/g	3M 01/1-09/89
Yeast & mold	NMT 100 cfu/g	<10 CFU/g	AOAC 997.02
<i>Escherichia coli</i>	NMT 10 cfu/g	<10 CFU/g	3M 01/8-06/01
<i>Coagulase pos. staphylococci</i>	NMT 100 cfu/g	<10 CFU/g	3M 01/09-04/03 A
<i>Salmonella spp.</i>	Negative/25 g	Negative/25g	AFNOR EGS 38/01-03/15
<i>Listeria monocytogenes</i>	Negative/25 g	Negative/25g	AFNOR EGS 38/03-01/17

NMT= not more than, NLT= not less than

- 1) Alternative methods may be used, methods reported relevant for above batch analysis
- 2) Results at release, there may be changes during shelf life.
- 3) Results from Lipids analyzed prior to encapsulation, calculated
- 4) Min one batch analyzed yearly

Date: December 16, 2025