

# SuperSmart®

## CERTIFICATE OF ANALYSIS

**Product:** Zooca® Lipids bulk cps 500 mg FG

**Product description:** Soft gelatin capsule with 500 mg Zooca® Lipids

**Item no.:** 44000

**Batch:** 30024599

**Date of manufacture:** 14.09.2023

**Expiry date:** 14.09.2026

**Allergen:** Crustaceans, fish

Softgel 500mg Pure Arctic Oil Calanus  
CAA-CALANUS

PARAMETER	SPECIFICATION	RESULT	METHOD <sup>1)</sup>
<b>CAPSULE PROPERTIES</b>			
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
<b>STABILITY INDEX<sup>2)</sup></b>			
Peroxide value	NMT 5 meq/kg	0.5 meq/kg	Ph.Eur. 2.5.5
<b>FATTY ACIDS, FATTY ALCOHOLS AND ASTAXANTHIN<sup>2, 3)</sup></b>			
Total fatty acids	NLT 460 mg/g	582 mg/g	GC
n-3 fatty acids	NLT 185 mg/g	210 mg/g	
Eicosapentaenoic acid (EPA)	NLT 30 mg/g	68 mg/g	
Docosahexaenoic acid (DHA)	NLT 40 mg/g	47 mg/g	
Stearidonic acid (SDA)	NLT 40 mg/g	72 mg/g	
Total marine policosanols (FAOH)	NLT 280 mg/g	355 mg/g	
C22:1 n-11 fatty alcohol	NLT 120 mg/g	144 mg/g	
C20:1 n-9 fatty alcohol	NLT 90 mg/g	121 mg/g	
Astaxanthin	NLT 600 mg/kg	1600 mg/kg	Internal method
<b>MICROBIAL ANALYSIS<sup>2,3,4)</sup></b>			
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/25 g	AFNOR EGS 38/01-03/15
<i>Listeria monocytogenes</i>	Negative/25 g	Negative/25 g	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 Zooca® Lipids analyzed prior to encapsulation, calculated
- 4) Min one batch analyzed yearly