

Product card identification: Antarctic Krill Oil

IDENTIFICATION:

- Product number: 43020003
- Batch number: 10-120421A
- Harvesting position: 63°54S 60°02W
- Manufacturing date: 12/APR/2021
- Retest date: 12/APR/2023
- Additives: None
- Country of origin: Norway, produced on board F/T Saga Sea, F/V Antarctic Sea or F/V Antarctic Endurance

ANALYTICAL SPECIFICATION:

PARAMETER	METHOD	ACTUAL VALUE	LIMIT	UNIT
Appearance	Visual	Dark, red oil	Dark, red oil	
COMPOSITION				
Free Fatty Acids	AOCS Ca 5A-40	< 1	<1	%
Total cholesterol	NOFIMA method (A88) ¹	0.3	Report value	g/100 g
Water (Karl Fischer)	AOCS Ca 2e-84	0.1	≤0.5	%
Water activity	NOFIMA method (A96)	0.6	≤0.7	
FATTY ACID PROFILE				
Total omega-3 fatty acids	AOCS Ce 1b-89	19*	13 +/-5	g/100g
- C 20:5 n-3 (EPA)	AOCS Ce 1b-89	7	5 +/- 2	g/100g
- C 22:6 n-3 (DHA)	AOCS Ce 1b-89	3	2 +/- 1	g/100g
STABILITY INDEX				
Peroxide	AOCS Cd 8b-90	2	≤10	mEq peroxide/kg oil
ANTIOXIDANTS				
Astaxanthin	FCC / USP-NF (UV)	804	1250 +/- 450	mg/kg
MICROBIOLOGY				
Total plate count	AFNOR 3M 1/1-9/89	10	<100 000	cfu/g
Enterobacteriaceae	ISO 21528-2	< 10	<300	cfu/g
Salmonella	NorVal 023	Negative	Negative	In 25 g sample

1) Total cholesterol is calculated by multiplying cholesterol esters with the factor 0,594. The factor 0,594 is the ratio of molecular weight between Cholesterol and Cholesteryl-oleat.

*Total omega-3 fatty acids above specification limit. The product safety will not be affected.

APPLICATION:

Feed for use in animal nutrition. Not for human consumption.

	Printed name	Signature	Position in company	Date
Approved by	Anders Mühlbradt		QA Manager	02/SEP/2021

