



ANALYSIS:

Antarctica Krill (Proximate Analysis)

	Composition	Our Standard	Standard Range*
MINERALS, VITAMINS, METALS & OTHERS	Protein, % min.	58	58 - 66
	Fat, % max.	18	12 - 18
	Moisture, % max.	10	7 - 10
	Crude Fiber, % max.	6	3 - 6
	Ash, % max.	13	5 - 13
	Salt (as sodium chloride), % max.	3	2 - 3
	Calcium, % max.	3	2 - 3
	Potassium, % max.	0.4	0.2 - 0.4
	Phosphorous, % max.	1.4	1.2 - 1.4
	Fluorine, ppm max.	2000	1000 - 2000



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PROTEIN QUALITY	Digestibility, % max.	92	78 - 92
	TVN, mgN/100g max.	22	5 - 22
	Histamine, ppm max.	10	0 - 10
	Saturated Fat, % max. (of krill oil)	31	
	Omega 3's (polyunsaturated), % min.	29	
	Monounsaturated, % min.	30	
MICROBIOLOGICAL & OTHER QUALITY	Salmonella, CFU/g	Absence	
	Listeria, CFU/g	Absence	
	Shigella	Absence	
	Aspergillus	Absence	
	E.coli, MPN/g max.	Absence	
	Coliforms, CFU/g max.	<10	
	Clostridium, CFU/g max.	<10	
	Enterobacterial, CFU/g	<10	
	Dioxins, ng-WHO-TEQ/Kg max.	0.35	0.15 - 0.35
	PHYSICAL SPECIFICATIONS	Colour	Pinkish to reddish (depending on pigment content)
PIGMENT LEVELS	Ppm as Astaxanthin at shipment (min)	100	100 - 300
STABILITY & REACTIVITY	Krill Meal is considered an IMO (International Maritime Organization) product since its lipids content has been stabilized with liquid antioxidant which is added on-board at processing.		
TRANSPORT INFORMATION	Non-dangerous product for transportation. IMO (International Maritime Organization) allowance. Recyclable packaging.		
INFLAMMATION & EXPLOSION	Krill Meal is considered a non-flammable product and does not ignite when exposed to electrical or electrostatic sparks.		



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PROTEIN COMPOSITION & (AMINO ACID PROFILE)

(%)

Alanine	5.8
Arginine	4.6
Aspartic Acid	9.5
Glutamic Acid	12.6
Glycine	5.8
Histidine	1.4
Isoleucine	5.4
Leucine	7.3
Lysine	4.6
Methionine	2.5
Phenylalanine	4.9
Proline	5.2
Serine	3.2
Threonine	3.9
Tyrosine	2.7
Cysteine	1.2
Valine	5.7
Taurine	2.9

(*) Analysis varies depending on fishing area & period of season