



KO4U

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 ISO 9001:2015, ISO 22000:2018, HACCP.

Specification

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Description	Antarctic Krill Oil	Package	Food grade Steel Drum
Standard	20 kg, 200 kg	Shelf Life	2 Years
Physical Properties			
Appearance	Red Clear Oil		
Odor	Light Shrimp Fragrance		
Physicochemical Properties	Units of Measure	Standards	Method
Total Phospholipids	g/100g	≥ 45.0	NMR spectroscopy
Total Omega-3 Fatty Acids	g/100g	≥ 24.0	AOAC 969.33.1995
Eicosapentaenoic acid (EPA)	g/100g	≥ 12.0	AOAC 969.33.1995
Docosahexaenoic acid (DHA)	g/100g	≥ 6.0	AOAC 969.33.1995
Astaxanthin	µg/kg	≥ 300	UV
Acid Value	mg KOH/g	≤ 9.0	As per Codex Alimentarius
Peroxide Value	mEq/kg	≤ 2.0	As per USP
Residual solvent (ethanol)	%	≤ 3.0	As per USP (GC)
Viscosity at 35 deg C	CPS	800-2000	Brook Filed
Microbial Properties	Units of Measure	Standards	Method
Total Plate Count	CFU/g	≤ 100	As per USP
Coliforms Group	MPN/g	≤ 0.4	As per USP
Yeasts and Moulds	CFU/g	≤ 25	As per USP
Salmonella	CFU/g	Negative	As per USP
Staphylococcus Aureus	CFU/g	Negative	As per USP
Heavy Metals Properties	Units of Measure	Standards	Method
Lead (Pb)	mg/kg	≤ 10.0	As per USP
Mercury (Hg)	mg/kg	≤ 0.5	As per USP
Cadmium (Cd)	mg/kg	≤ 2.0	As per USP
Chromium (Cr)	mg/kg	≤ 2.0	As per USP

----- RELIABLE KRILL OIL SUPPLIER -----