

Algorithm™

Product Data Sheet: kappamega³ 400

Product Name: kappamega³ 400 3AOX DHA Vegan Softgel

Product Lot: 0000

Production Date: Month Day, Year

Product Code & Pack Size:

SIZE	PACKAGE CONTAINER	PRODUCT CODE
60 Softgels (200 mg DHA per softgel)	Plastic Supplement Bottle	000000

Ingredients: Docosahexaenoic Acid (DHA) as Triglycerides (Fully winterized algal oil, rosemary extract, mixed tocopherols, sunflower lecithin, sunflower oil, ascorbyl palmitate), modified tapioca starch, glycerin, and purified water.

Suggested Use: For use as a dietary supplement. Take two (2) Vegetarian softgels daily with a meal, or as directed by your health care professional.

Description: DHA-rich triacylglycerols (TAG) are extracted from the marine algae, *Schizochytrium sp.*, in an aqueous-based, chemical-free process. The resulting oil is then further processed and encapsulated into a vegan softgel to meet the below quality parameters.

	SPECIFICATION	METHOD
APPEARANCE		
Shape	Oblong	
Size	14	
Average fill weight	525 mg ± 10%	
Average softgel weight	925 mg ± 15%	
Disintegration Time	NMT 60 Minutes	
OMEGA-3 FATTY ACIDS		
EPA	Min. 10 mg TG/g	AOAC 996.06
DHA	Min. 400 mg TG/g	
Total Omega-3	Min. 410 mg TG/g	
Trans fatty acids	Max. 1% w/w	
PROPERTIES		
Peroxide value	Max. 5 meq/kg oil	AOCS Cd 8-53
p-Anisidine value	Max. 9	ISO 6885
TOTOX value	Max. 19	Calculated
Acid value	Max. 1 mg KOH/g oil	AOCS Cd 3d-63
Moisture	Max. 0.05%	AOCS Ca 2e-84
Insoluble impurities	Max 0.5%	AOCS Ca 5a-40, AOAC 940.28
Free fatty acids	Max. 4.5%	AOCS Ca 6a-40
Unsaponifiable	Max. 6	AOCS Td 1a-64
Color (gardner)	Light yellow to orange	
Appearance	Characteristic	
Aroma	Clear	
Clarity		
HEAVY METALS		
Arsenic (As)	Max. 0.05 ppm	AOAC 2013.06
Cadmium (Cd)	Max. 0.01 ppm	
Lead (Pb)	Max. 0.01 ppm	
Mercury (Hg)	Max. 0.01 ppm	
MICRO		
Total Microbial Count	Max. 10 cfu/g	AOAC 990.12
E. Coli	Max. 10 cfu/g	AOAC 991.14
Salmonella	Negative	AOAC-RI 121501
Staphylococcus Aureus	Max. 10 cfu/g	BAM Chapter 12
Yeast	Max. 10 cfu/g	BAM Chapter 18
Mold	Max. 10 cfu/g	BAM Chapter 18

ANTIOXIDANT

Mixed Tocopherols, Rosemary
Extract, & Ascorbyl Palmitate

2500-3500 ppm

Calculated

Slight deviations of analytical data are within the tolerance limits of the methodology.

Stability & Storage:

For best stability, store kappamega³ at ambient temperature away from sunlight.