



# AlphaMega<sup>3</sup>



## Product Data Sheet

**Product Name:** AlphaMega<sup>3</sup>

**Product Lot:**

**Expiry Date:** 2 years from date of production

**Pack Size:** 18kg pail, 190kg metal drums or 950kg totes

**Ingredients:** Algal Oil, Mixed Tocopherol

**Description:** DHA rich triglycerides are extracted in an aqueous based process, no chemical solvents are used. The resulting oil is then refined, bleached and deodorized to meet the below quality parameters.

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### ANALYSIS

### SPECIFICATIONS

### METHOD

#### Omega 3 Fatty Acids

EPA	Min. 1%	AOCS Ce 1i-07, Ce 1b-89
EPA	Min. 10 mg/g	
DHA	Min. 40%	
DHA	Min. 400 mg/g	
Total Omega 3	Min. 42%	
Total Omega 3	Min. 410 mg/g	

#### Properties

Peroxide Value	Max. 2 meq/kg oil	AOCS Cd 8b-90
p-Anisidine Value	Max. 9	ISO 6885
Acid Value	Max. 1mg KOH/g oil	Calculated
Moisture & Insoluble Impurities	Max. 0.1%	Instrument Method, AOCS Ca 3a-46
Free Fatty Acids	Max. 0.5%	AOCS Ca 5a-40
Color (Gardner)	Max. 6	AOCS Cc 13j-97, (AOCS Td 1a-64)

#### Heavy Metals

Arsenic (As)	Max. 0.05 ppm	Completed by a third party lab
Cadmium (Cd)	Max. 0.01 ppm	
Lead (Pb)	Max. 0.01 ppm	
Mercury (Hg)	Max. 0.01 ppm	

**Micro**

Total Plate Count	<5 cfu/g
E.Coli	<5 cfu/g
Salmonella	Neg
Staphylococcus aureus	<5 cfu/g
Yeast	<5 cfu /g
Mold	<5 cfu/g

Completed by a third party lab

**Anti-Oxidant**

Mixed Tocopherols	1500 – 2500 ppm
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Internal Method

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