



## AlphaMega<sup>3</sup>

### Product Data Sheet

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

**Product Lot:**

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

**Manufacturing Date:**

**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.

#### ANALYSIS

#### SPECIFICATION

#### METHOD

#### Omega 3 Fatty Acids

EPA	Min. 1%	AOCS Ce 1f-96
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	
Trans Fatty Acids	Max. 1% w/w	

#### Properties

Peroxide Value	0 - 5 meq/kg oil	AOCS Cd 8b-90
p-Anisidine Value	4 - 9	ISO 6885
Totox	Max. 13	Calculated
Acid Value	0 - 1mg KOH/g oil	Calculated
Moisture & Insoluble Impurities	0 - 0.05%	Instrument Method, AOCS Ca 3a-46
Free Fatty Acids	0 - 0.5%	AOCS Ca 5a-40
Color (Gardner)	2 - 6	AOCS Cc 13j-97, (AOCS Td 1a-64)
Unsaponifiable Matter	Max. 4.5%	

#### 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	
Iron	Max. 0.02 ppm	
Copper	Max. 0.05 ppm	

**Micro**

Completed by a third party lab

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

**Anti-Oxidant**

Mixed Tocopherols	1500 – 2500 ppm	Internal Method
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*Slight deviations of analytical data are within the tolerance limits of the methodology.*

**Stability and Storage**

AlphaMega<sup>3</sup> is guaranteed to meet all product specifications when stored in the original unopened container for up to 1 month at room temperature (+25 °C), up to 12 months at refrigerated temperature (+4 °C) and up to 24 months under frozen storage conditions (-20 °C). For extended storage and for best sensory performance, frozen storage is recommended.

AlphaMega<sup>3</sup> should be thawed completely and mixed well before use. Avoid oil temperatures exceeding 60 °C / 140 °F during the thawing process for best sensory performance. As the material thaws some phase separation may occur. This will not negatively impact the quality of the product, but it is important that the container contents are mixed well prior to use. When possible, use the entire contents of the container at one time. Unused portions should be blanketed with nitrogen and stored frozen.