

EFFECTIVE DATE: Nov. 19, 2020	
DOC. NO.: ALG-SD-OP15	Version: 05
APPROVED BY: X <i>Thomson</i>	

**Product Name:** alphamega<sup>3</sup> 400 S MT

**Product Lot:** 0000

**Production Date:** Month Day, Year

**Product Code & Pack Size:**

SIZE (KG)	PACKAGE CONTAINER	PRODUCT CODE
1	Aluminum Bottle	310001
10	Plastic Pail	310002
190	Metal Drum	310004

**Ingredients:** Semi-winterized algal oil, mixed tocopherols, sunflower oil.

**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 to meet the below quality parameters.

SIZE (KG)	SPECIFICATION	METHOD
<b>OMEGA-3 FATTY ACIDS</b>		
EPA	Min. 10 mg TG/g	AOAC 996.06
DHA	Min. 400 mg TG/g	AOCS Ce 1b-89
Total Omega-3	Min. 410 mg TG/g	
Trans Fatty Acids	Max. 1% w/w	
<b>PROPERTIES</b>		
Peroxide Value	Max. 5 meq/kg	AOCS Cd 8-53
p-Anisidine Value	Max. 9	ISO 6885
TOTOX Value	Max. 19	Calculated
Acid Value	Max. 0.5 mg KOH/g	AOCS Cd 3d-63
Moisture	Max. 0.05%	AOCS Ca 2e-84
Free Fatty Acids	Max 0.4%	AOCS Ca 5a-40
Unsaponifiable	Max. 3.5%	AOCS Ca 6a-40
Color (Gardner)	Max. 6	AOCS Td 1a-64
Appearance	Light yellow to light orange	
Aroma	Characteristic	
Clarity	Cloudy	
<b>HEAVY METALS</b>		
Arsenic (As)	Max. 0.05 ppm	AOAC 2011.19, AOAC 993.14 (Modified)
Cadmium (Cd)	Max. 0.01 ppm	
Lead (Pb)	Max. 0.01 ppm	
Mercury (Hg)	Max. 0.01 ppm	
<b>MICRO</b>		
Aerobic Plate Count	Max. 10 cfu/g	AOAC 966.23
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
<b>ANTIOXIDANT</b>		
Mixed Tocopherols	2500-3500 ppm	Calculated

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

## Product Data Sheet: alphamega<sup>3</sup> 400 S MT

### Stability & 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 condition (-20 °C) from the production date. For extended storage and for best sensory performance, frozen storage is recommended.

alphamega<sup>3</sup> should be thawed completely and mixed 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.

### Certifications

alphamega<sup>3</sup> 400 S MT is Kosher, Halal and Non-GMO Project Verification certified and is produced using Non-GMO, Kosher and Halal certified raw materials.

### Allergen Declaration

alphamega<sup>3</sup> 400 S MT does not contain any allergen and requires no allergen labeling declaration.

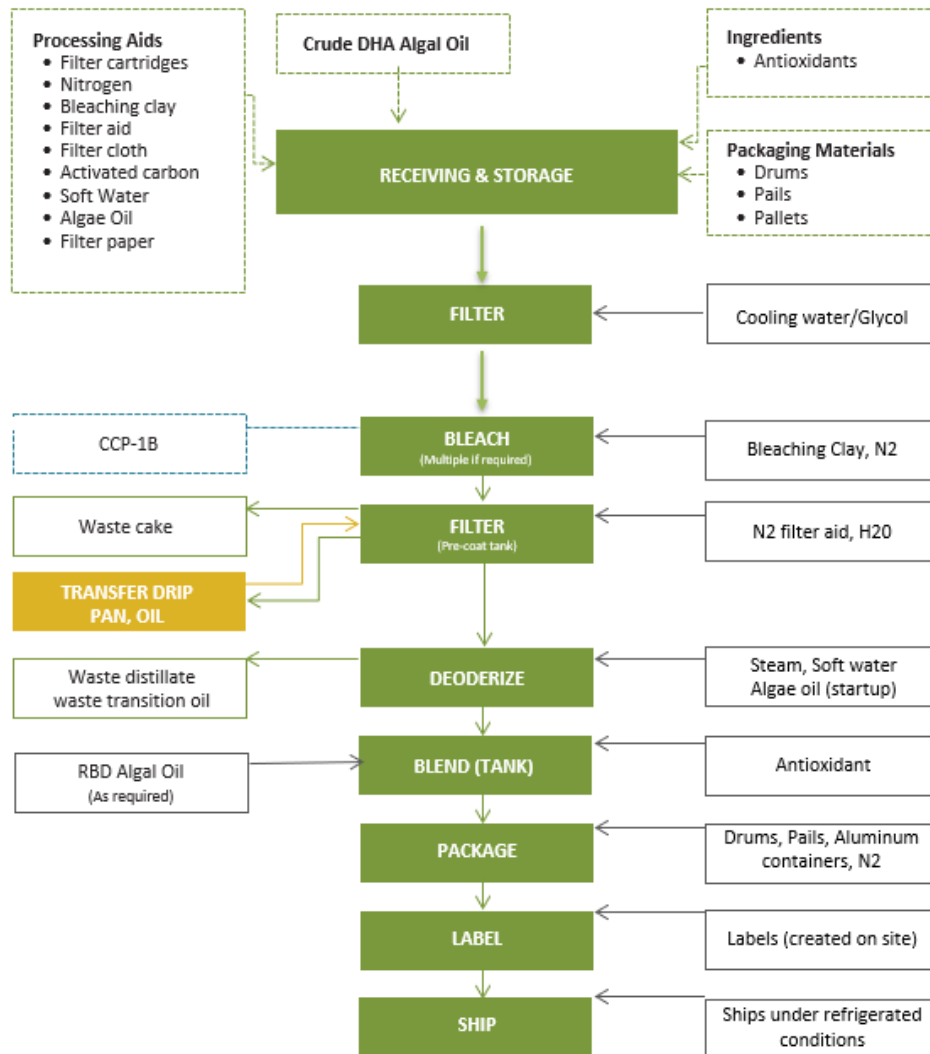
ALLERGEN	Yes	No
Peanuts		X
Tree Nuts		X
Milk & Dairy		X
Eggs		X
Fish		X
Crustacean and molluscs		X
Soy		X
Wheat and triticale		X
Mustard		X
Sulphites		X
Sesame Seeds		X

### Nutrition facts

Nutrition Facts / Valeur nutritive	
Per 100 ml pour 100 ml	
<b>Calories 840</b>	<b>% Daily Value*</b>
<b>Fat / Lipides 93 g</b>	<b>124 %</b>
Saturated / saturés 27 g	136 %
+ Trans / trans 0.1 g	
Polyunsaturated / polyinsaturés 54 g	
Omega-6 / oméga-6 8 g	
Omega-3 / oméga-3 45 g	
Monounsaturated / monoinsaturés 11 g	
<b>Carbohydrate / Glucides 0 g</b>	
Fibre / Fibres 0 g	0 %
Sugars / Sucres 0 g	0 %
<b>Protein / Protéines 0 g</b>	
<b>Cholesterol / Cholestérol 180 mg</b>	
<b>Sodium 0 mg</b>	<b>0 %</b>
Potassium 0 mg	0 %
Calcium 0 mg	0 %
Iron / Fer 0 mg	0 %
*5% or less is a little, 15% or more is a lot	
*5% ou moins c'est peu, 15% ou plus c'est beaucoup	

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### Process Flow



### Manufacturing Statements:

#### Vegan Statement

alphamega<sup>3</sup> 400 S MT does not contain any ingredients derived from animals (including meat, fish, dairy, eggs, etc.) and is therefore 'Vegan Compliant' by definition.

#### Irradiation Statement

No radiation process is used in the manufacture of alphamega<sup>3</sup> 400 S MT.

#### BSE/TSE Statement

alphamega<sup>3</sup> 400 S MT does not contain materials of animal origin and is free of Bovine Spongiform Encephalopathy (BSE) and Transmissible Spongiform Encephalopathy (TSE).

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### Gluten Free Statement

alphamega<sup>3</sup> 400 S MT is gluten free as it contains less than 20 parts per million (ppm) of gluten.

### Preservatives Statement

alphamega<sup>3</sup> 400 S MT is made without the use of preservatives.

### Aflatoxin and Mycotoxin Statement

alphamega<sup>3</sup> 400 S MT does not contain any aflatoxin or mycotoxins.

### Melamine Statement

Melamine is not used in the manufacture of alphamega<sup>3</sup> 400 S MT. Furthermore, based on our current knowledge of the raw materials and manufacturing processes, we have no reason to believe that this substance would be present in this product as supplied by Algorithm.

### Country of Origin Statement

Country of origin for alphamega<sup>3</sup> 400 S MT is the United Kingdom. The crude algal oil is obtained from the European Union or the United Kingdom.

### Proposition 65 Statement

alphamega<sup>3</sup> 400 S MT to the best of our knowledge, does not contain any contaminants or by products known to the State of California to cause cancer or reproductive toxicity as listed under Proposition 65 State Drinking Water and Toxic Enforcement Act.

### Pesticide Statement

alphamega<sup>3</sup> 400 S MT fully complies with Regulation (EC) 396/2005 (as amended), 40CFR part 180 and Pest Control Products Act, Canada setting maximum pesticide residue levels in food and feeds.