

EFFECTIVE DATE: April 5, 2021	
DOC. NO.: ALG-SD-OP16	Version: 06
APPROVED BY: X <i>Finani</i>	

Product Name: alphamega³ 530 TG

Product Lot: 0000

Production Date: Month Day, Year

Product Code & Pack Size:

SIZE (KG)	PACKAGE CONTAINER	PRODUCT CODE
1	Aluminum Bottle	310072
10	Plastic Pail	310073
190	Metal Drum	310071

Ingredients: Fully winterized algal oil, rosemary extract, ascorbyl palmitate, mixed tocopherols, sunflower lecithin, 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
OMEGA-3 FATTY ACIDS		
EPA	Min. 1 mg TG/g	AOAC 996.06
DHA	Min. 530 mg TG/g	AOCS Ce 1b-89
Total Omega-3	Min. 550 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. 15	ISO 6885
TOTOX Value	Max. 25	Calculated
Acid Value	Max. 0.8 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	Clear	
HEAVY METALS		
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	
MICRO		
Aerobic Plate Count	Max. 10 cfu/g	AOAC 966.23
E. Coli	Max. 10 cfu/g	AOAC 991.14
Salmonella	Negative	AOAC-R1 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.

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Product Data Sheet: alphamega³ 530 TG

Stability & Storage:

alphamega³ 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.

alphamega³ 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

alphamega³ 530 TG is Kosher and Halal certified and is produced using Kosher and Halal certified raw materials.

Allergen Declaration

alphamega³ 530 TG does not contain any allergen and requires no allergen labeling declaration.

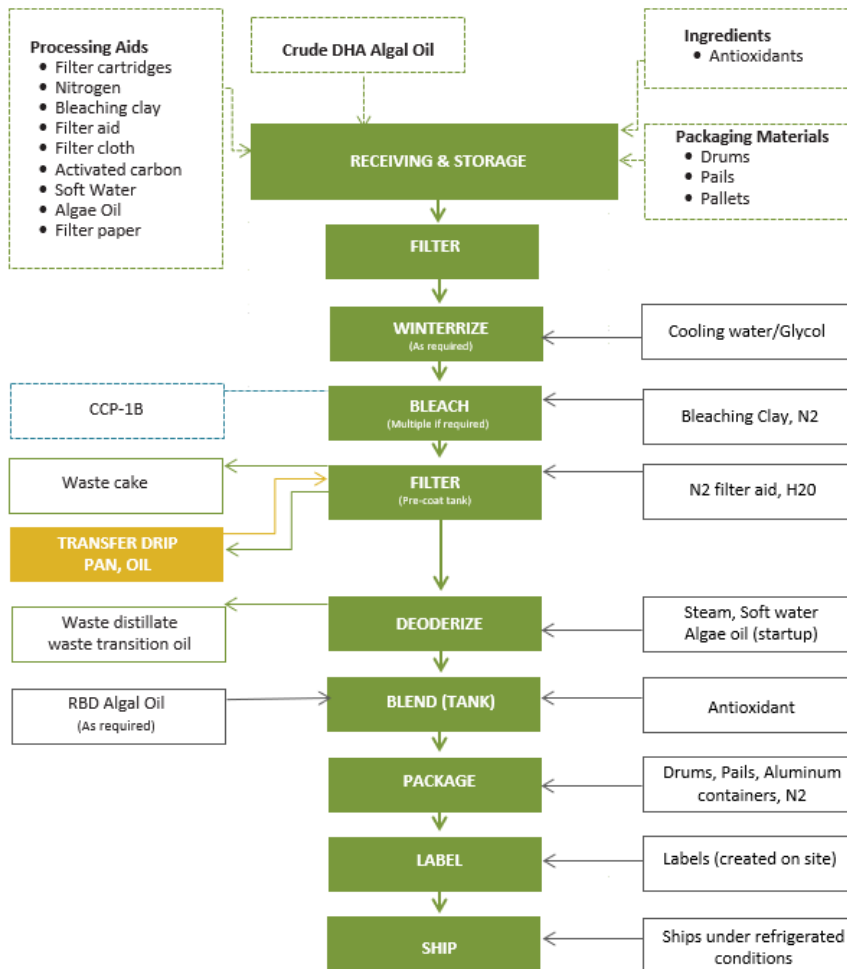
ALLERGEN	Yes	No
Peanuts		X
Tree Nuts		X
Milk & Dairy		X
Eggs		X
Fish		X
Crustacean and molluscs		X
Soy		X
Wheat and triticale		X
Mustard		X
Sulphites		X
Sesame Seeds		X

Nutrition facts

Nutrition Facts / Valeur nutritive	
Per 100 ml pour 100 ml	
Calories 840	% Daily Value*
Fat / Lipides 93 g	124 %
Saturated / saturés 21 g	106 %
+ Trans / trans 0.2 g	
Polyunsaturated / polyinsaturés 68 g	
Omega-6 / oméga-6 10 g	
Omega-3 / oméga-3 58 g	
Monounsaturated / monoinsaturés 4 g	
Carbohydrate / Glucides 0 g	0 %
Fibre / Fibres 0 g	0 %
Sugars / Sucres 0 g	0 %
Protein / Protéines 0 g	
Cholesterol / Cholestérol 235 mg	
Sodium 0 mg	0 %
Potassium 0 mg	0 %
Calcium 0 mg	0 %
Iron / Fer 0.1 mg	1 %
*5% or less is a little, 15% or more is a lot *5% ou moins c'est peu, 15% ou plus c'est beaucoup	

Product Data Sheet: alphamega³ 530 TG

Process Flow



Manufacturing Statements:

Vegan Statement

alphamega³ 530 TG 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 alphamega³ 530 TG.

BSE/TSE Statement

alphamega³ 530 TG does not contain materials of animal origin and is free of Bovine Spongiform Encephalopathy (BSE) and Transmissible Spongiform Encephalopathy (TSE).

Gluten Free Statement

alphamega³ 530 TG is gluten free as it contains less than 20 parts per million (ppm) of gluten.

Preservatives Statement

alphamega³ 530 TG is made without the use of preservatives.

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Product Data Sheet: alphamega³ 530 TG

Aflatoxin and Mycotoxin Statement

alphamega³ 530 TG does not contain any aflatoxin or mycotoxins.

Melamine Statement

Melamine is not used in the manufacture of alphamega³ 530 TG. 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 alphamega³ 530 TG is the United Kingdom. The crude algal oil is obtained from the European Union or the United Kingdom.

Proposition 65 Statement

alphamega³ 530 TG 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

alphamega³ 530 TG 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.