

EFFECTIVE DATE: May 18, 2021	
DOC. NO.: ALG-SD-OP25	Version: 04
APPROVED BY: X <i>[Signature]</i>	

Product Name: thetamega³ 750 r-TG

Product Lot: 0000

Production Date: Month Day, Year

Product Code & Pack Size:

SIZE (KG)	PACKAGE CONTAINER	PRODUCT CODE
1	Aluminum Container	310097
10	Plastic Pail	310098
27	Plastic Pail	310099
190	Metal Drum	310100

Ingredients: Re-esterified algal oil, sunflower oil, sunflower lecithin, mixed tocopherols, ascorbyl palmitate, rosemary extract.

Description: DHA-rich triacylglycerols (TAG) are extracted from the marine alga, *Schizochytrium sp.*, in an aqueous-based, chemical-free process. The resulting oil is converted into ethyl esters, concentrated and then re-esterified 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. 750 mg TG/g	AOCS Ce 1b-89
EPA+DHA AREA%	Min 80%	
Total Omega-3	Min. 750 mg TG/g	
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. 0.5 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. 8	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-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.

Product Data Sheet: thetamega³ 750 r-TG

Storage Recommendation:

thetamega³ must be stored frozen for best sensory performance.

thetamega³ 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

thetamega³ 750 r-TG can be Kosher and Halal certified at an additional cost.

Allergen Declaration

thetamega³ 750 r-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

Manufacturing Statements:

Vegan Statement

thetamega³ 750 r-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 thetamega³ 750 r-TG.

BSE/TSE Statement

thetamega³ 750 r-TG does not contain materials of animal origin and is free of Bovine Spongiform Encephalopathy (BSE) and Transmissible Spongiform Encephalopathy (TSE).

Gluten Free Statement

thetamega³ 750 r-TG is gluten free as it contains less than 20 parts per million (ppm) of gluten.

Preservatives Statement

thetamega³ 750 r-TG is made without the use of preservatives.

Aflatoxin and Mycotoxin Statement

thetamega³ 750 r-TG does not contain any aflatoxin or mycotoxins.

Melamine Statement

Melamine is not used in the manufacture of thetamega³ 750 r-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 thetamega³ 750 r-TG is the United States of America.

Algorithm™

Product Data Sheet: thetamega³ 750 r-TG

Proposition 65 Statement

thetamega³ 750 r-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

thetamega³ 750 r-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.