

## PRODUCT SPEC SHEET:

kappamega<sup>3</sup> 300 Lemon

Effective Date: Oct. 11, 2023

ALG-SD-OP55

02

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**Product Name:** kappamega<sup>3</sup> 300 Lemon

Product Description: Bulk DHA Vegan Softgel

| Size          | Container | Product Code |
|---------------|-----------|--------------|
| 3000 softgels | Carton    | 61313000     |

**Ingredients:** DHA algal oil, modified tapioca starch, vegetable glycerin, purified water, natural lemon flavor, antioxidant blend (rosemary extract, mixed tocopherols, sunflower lecithin, sunflower oil, ascorbyl palmitate).

**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 encapsulated into a vegan softgel to meet the below quality parameters.

| Parameters          | Specification                    | Analytical Method |
|---------------------|----------------------------------|-------------------|
| <b>Physical</b>     |                                  |                   |
| Shape               | Oblong                           | Visual            |
| Size                | 16                               | Visual            |
| Average fill weight | 756 mg ± 10%                     | USP <2091>        |
| Appearance          | Clear softgel – light yellow oil | Visual            |
| Disintegration Time | ≤45 Minutes                      | USP <2040>        |

|                            |                  |                            |
|----------------------------|------------------|----------------------------|
| <b>Omega-3 fatty Acids</b> |                  |                            |
| DHA                        | Min. 300 mg TG/g | AOAC 996.06, AOCS Ce 1b-89 |
| EPA                        | Min. 7 mg TG/g   | AOAC 996.06, AOCS Ce 1b-89 |

|                   |               |              |
|-------------------|---------------|--------------|
| <b>Properties</b> |               |              |
| Peroxide Value    | Max. 5 meq/kg | AOCS Cd 8-53 |

|                     |               |                                                  |
|---------------------|---------------|--------------------------------------------------|
| <b>Heavy Metals</b> |               |                                                  |
| Arsenic (As)        | Max. 0.05 ppm | AOAC 2011.19, AOAC 993.14 and 2015.01 (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. 3000 cfu/g | AOAC 996.23    |
| E. Coli               | Max. 10 cfu/g   | AOAC 991.14    |
| Salmonella            | Negative        | AOAC-RI 121501 |
| Staphylococcus aureus | Max. 10 cfu/g   | BAM Chapter 12 |
| Total Yeast & Mold    | Max. 300 cfu/g  | BAM Chapter 18 |

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

## STABILITY &amp; STORAGE

For best stability, store kappamega<sup>3</sup> below 60% relative humidity at 15°C - 30°C. Do not refrigerate. Limit exposure to light.

## CERTIFICATIONS

kappamega<sup>3</sup> 300 Lemon is Halal certified.

**Algorithm®**  
Fish-free Omega-3s  
Straight from the Source

## Contact us

For more information,  
please reach out to:

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## Algorithm Ingredients Inc.

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ALLERGEN DECLARATION

kappamega<sup>3</sup> 300 Lemon 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  |

SUPPLEMENT FACTS PANEL(US)

# Supplement Facts

Serving Size 1 Softgel

|                                        | Amount<br>Per Serving | % Daily<br>Value |
|----------------------------------------|-----------------------|------------------|
| Calories                               | 10                    |                  |
| Total Fat                              | 1 g                   | 1%*              |
| Polyunsaturated Fat                    | 1 g                   | †                |
| Algal Oil ( <i>Schizochytrium</i> sp.) | 750 mg                | †                |
| Omega-3 Fatty Acids:                   |                       |                  |
| Docosahexaenoic acid (DHA)             | 300 mg                | †                |
| Eicosapentaenoic acid (EPA)            | 7 mg                  | †                |

\* Percent daily values are based on a 2,000 calorie diet.  
† Daily Value (DV) not established.

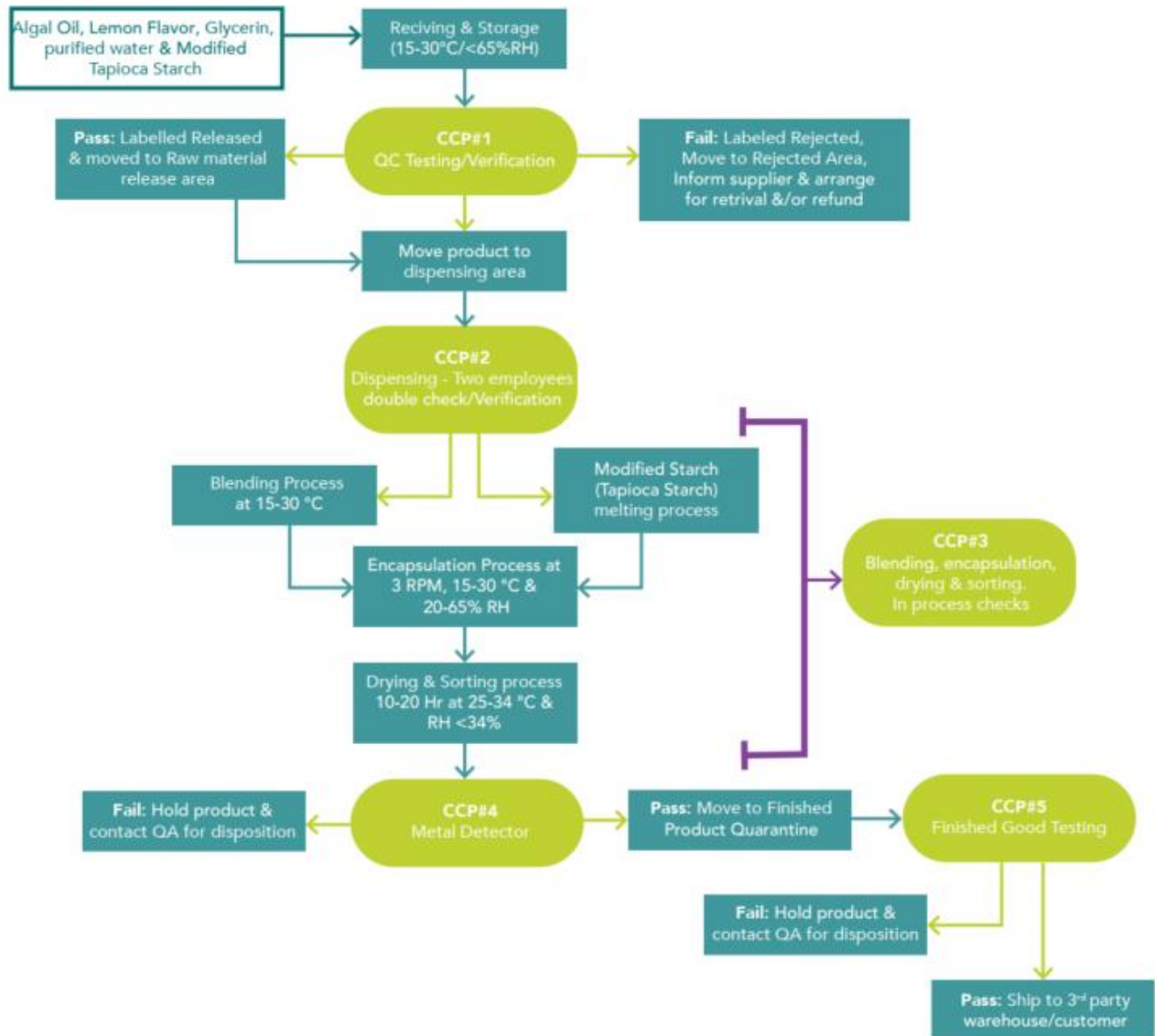
**Other Ingredients:** Modified tapioca starch, vegetable glycerin, purified water, natural lemon flavor, rosemary extract, mixed tocopherols.

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## PROCESS FLOW



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## MANUFACTURING STATEMENTS

|                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Vegan Statement</b><br>kappamega <sup>3</sup> 300 Lemon does not contain any ingredients derived from animals (including meat, fish, dairy, eggs, etc.) and is therefore 'Vegan Compliant' by definition. No animal derived ingredients are used in the manufacturing process of kappamega <sup>3</sup> 300 Lemon. | <b>Irradiation Statement</b><br>Algorithm's DHA algal oil, kappamega <sup>3</sup> 300 Lemon, is not sterilized using irradiation, ethylene oxide or propylene oxide.                                                                                                                                                | <b>BSE/TSE Statement</b><br>kappamega <sup>3</sup> 300 Lemon does not contain materials of animal origin and is free of Bovine Spongiform Encephalopathy (BSE) and Transmissible Spongiform Encephalopathy (TSE).                                                                                                                                                                                                                   |
| <b>Gluten Free Statement</b><br>kappamega <sup>3</sup> 300 Lemon is gluten free as it contains less than 20 parts per million (ppm) of gluten.                                                                                                                                                                        | <b>Preservatives Statement</b><br>kappamega <sup>3</sup> 300 Lemon is made without the use of preservatives, with the exception of the anti-oxidant blend identified above in the ingredients section.                                                                                                              | <b>Polyaromatic hydrocarbons (PAH) Statement</b><br>kappamega <sup>3</sup> 300 Lemon does not contain detectable levels of polyaromatic hydrocarbons (PAH).                                                                                                                                                                                                                                                                         |
| <b>Country of Origin Statement</b><br>Country of origin for kappamega <sup>3</sup> 300 Lemon is the United Kingdom. The crude algal oil is obtained from the United Kingdom and does not undergo any significant change in the encapsulation process.                                                                 | <b>Proposition 65 Statement</b><br>kappamega <sup>3</sup> 300 Lemon 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.         | <b>Pesticide Statement</b><br>kappamega <sup>3</sup> 300 Lemon 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.                                                                                                                                                                                          |
| <b>Residual Solvents Statement</b><br>kappamega <sup>3</sup> 300 Lemon is processed without the use of any chemical solvents. Furthermore, the antioxidant supplier guarantees that there is no residual solvent added to the antioxidant blend and rosemary extract used complies with chapter 467 of USP.           | <b>Melamine Statement</b><br>Melamine is not used in the manufacture of kappamega <sup>3</sup> 300 Lemon. 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. | <b>GRAS Statement</b><br>kappamega <sup>3</sup> 300 Lemon is made by blending alphamega3 400 3AOX with lemon flavor and encapsulating in a tapioca starch softgel. Alphamega3 400 3AOX is approved for food and supplement applications in the United States. In the United States, alphamega3 400 3AOX is sold under self-affirmed GRAS. Full dossier and expert opinion documents are available upon request alphamega3 400 3AOX. |
| <b>Sulfites Statement</b><br>Algorithm's DHA vegan softgel, kappamega <sup>3</sup> 300 Lemon does not contain any sulfites.                                                                                                                                                                                           | <b>Partially Hydrogenated Oils (PHO) Statement</b><br>kappamega <sup>3</sup> 300 Lemon does not contain any partially hydrogenated oils (PHO).                                                                                                                                                                      | <b>Animal Testing Free Statement</b><br>kappamega <sup>3</sup> 300 Lemon has not been tested on animals.                                                                                                                                                                                                                                                                                                                            |

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