

Product Technical Dossier

Product	Omega 3 Fish Oil Powder - min 12% Omega 3
CCL Product Code	P32563

Specification Details

Identification	Specification
Assay	Positive Total Omega 3 Min 12% EPA + DHA Min 10% EPA Calculated as Triglycerides 6% - 9% DHA Calculated as Triglycerides 2% – 5.5%
Appearance	Free-flowing, dry powder, consisting of spherical particles. The particles contain microencapsulated fish oil rich in EPA and DHA
Colour	Light-yellow to light-beige
Aroma	Characteristic
Flavour	Characteristic

Sieve Analysis % passed	100% Pass 20 Mesh Min 90% Pass 40 Mesh Max 12% Pass 120 Mesh
Loss on Drying	Max 5%

Microbiological Limits

Total Viable Count (TAMC)	Max 1,000cfu/g
Total Plate Count (TAMC 55°C)	Max 5,000cfu/g
Yeasts & Moulds	Max 100cfu/g
E. Coli	Negative/10g
Salmonella	Negative/25g
Staphylococcus Aureus	Negative/10g
P. aeruginosa	Negative/10g
Enterobacteria	Negative/1g
Sulphite Reducing Clostridia	Max 25/1g

Heavy Metal Limits

Heavy Metals	Max 10ppm
Lead (Pb)	Max 0.5ppm
Cadmium (Cd)	Max 0.5ppm
Mercury (Hg)	Max 0.1ppm
Arsenic (As)	Max 1ppm

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Additional Technical Information

Source	Sustainably Sourced Oil from Fish of the Family Engraulidae and/or the Family Clupeidae
Country of Origin	Switzerland, Denmark, France, UK, Germany, USA
Country of Manufacture	Denmark
Shelf Life from Date of Manufacture	Min 2 Years
Suitable for Vegetarians?	No
Suitable for Vegans?	No
Storage Conditions	This material is to be stored in a tightly sealed bag/container and to be kept in a cool place away from moisture and direct sunlight.

Composition Origin, Function and Percentages

Ingredients	% Composition	Source
Fish Oil	Min 40	Fish of the family anchovy (Engraulidae) and/or of the family sardine (Clupeidae)**
Sucrose	15 - 30	Sugar beet
Corn Starch	15 - 30	Corn
Caseinate	3 - 7	Bovine milk
Sodium Ascorbate (E 301)	Max 4	Synthetic
Water*	Max 2	/
Tricalcium Phosphate (E 341)	Max 2	Synthetic
Tocopherol-Rich Extract (E 306)	Max 1	Soy
Mono- and Diglycerides of Fatty Acids (E 471)	Max 0.1	Vegetable oils and fats
Lecithins (E 322)	Max 0.1	Soy
Ascorbyl Palmitate (E 304)	Max 0.1	Synthetic

*Based on specified value of loss on drying.

**Traces of fishes from other families can technologically not be avoided.

Please note that surveillance testing may mean that not all the parameters stated on this specification are tested for every batch.

The allergen information is supplied by the manufacturer, we have not tested for each individual allergen to ensure they are not present. The information given is based on a documented risk assessment and is accurate to the best of our knowledge. If you intend to make a voluntary "free from" claim on your pack, additional testing may need to be carried out. For technical and labelling guidance, you should always speak to the competent authority for the market or member state in which the final products are placed

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Allergens	Product Contains YES/NO	Listed Item on Site at Manufacturer YES/NO	Where applicable, is there risk of cross-contamination? YES/NO or N/A
Peanuts and Peanut Derivatives (including possible cross contamination)	No	No	N/A
Nut and Nut Derivatives <i>Almond (Amygdalus communis L.), Hazelnut (Corylus avellana), Walnut (Juglans regia), Cashew (Anacardium occidentale), Pecan nut (Carya illinoensis (Wangenh.) K. Koch), Brazil nut (Bertholletia excelsa), Pistachio nut (Pistacia vera), Macadamia nut and Queensland nut (Macadamia ternifolia)</i>	No	No	N/A
Sesame Seeds and Sesame Seed Derivatives	No	No	N/A
Milk and Milk Derivatives (including lactose)	Yes	Yes	Caseinate
Egg and Egg Derivatives	No	No	N/A
Cereals and Derivatives containing OR POTENTIALLY CONTAMINATED WITH Gluten (wheat, wheatgrass, faro, freekeh, spelt, kamut, rye, oats, barley, barleygrass)	No	No	N/A
Soya and Soya Derivatives	Yes**	Yes	Soy Lecithin
Lupin and Lupin Derivatives	No	No	N/A
Mustard and Mustard Derivatives	No	No	N/A
Celery or Celery Derivatives (including Celeriac)	No	No	N/A
Fish and Fish Derivatives	Yes	Yes	Fish Oil
Molluscs and their Derivatives	No	No	N/A
Crustaceans and their Derivatives	No	No	N/A
Sulphur Dioxide and Sulphites (E220, E228) at levels > 10mg/kg or 10mg/litre	No	No	N/A

**Natural Mixed Tocopherols (E306) and fully refined soybean oil is exempted from mandatory labelling according to Directive 2007/68/EC in the EU. Natural tocopherols are produced from highly refined vegetable oil distilled, which undergo further refining and processing. Therefore, natural tocopherols as well as refined soybean oils do not require labelling under the US FLACPA.



Statements

<p>Confirmation of BSE / TSE Status This is to certify that this product complies with all relevant current UK and EU Legislative requirements in regard to Transmissible Spongiform Encephalopathies (TSE) and Bovine Spongiform Encephalopathy (BSE) for human food, and so is free of TSE/BSE.</p>	Yes
<p>This is also to certify that, during the course of their manufacture, the above-mentioned product did not come into contact with any materials, which could be derived from TSE/BSE risk materials.</p>	Yes
<p>Confirmation of GM Status This is to certify that this product is not manufactured from GM raw materials and is therefore not subject to labelling under current regulations.</p>	Yes
<p>Confirmation of Non-Irradiation Status This is to certify that this product, whole or in part, has not been subjected to Ionising Radiation as per European Directives.</p>	Yes
<p>Confirmation of IOC Product Status This is to certify that this product, whole or in part, has not come into contact with any product/s, which is banned by the IOC (International Olympics Committee) and or WADA.</p>	Yes
<p>Confirmation of Pesticides Status This is to certify that the above-mentioned product complies with the EU max residue limits (MRLs) on pesticides.</p>	Yes
<p>Confirmation of Nanoparticles Status This is to certify that unless otherwise stated, the above-mentioned product is free of nanoparticles. Commission Recommendation, defines as follows: "Nanomaterial" means a natural, incidental or manufactured material containing particles, in an unbound state or as an aggregate or as an agglomerate and where, for 50 % or more of the particles in the number size distribution, one or more external dimensions is in the size range 1 nm - 100 nm".</p>	Yes
<p>Packaging Status We hereby certify that the packaging used in the above-mentioned material conforms to EU regulations and subsequent amendments on food grade packaging</p>	Yes
<p>Confirmation of PAH status This is to certify that the above-mentioned product complies with the max PAH limits set by the EU regulations</p>	Yes

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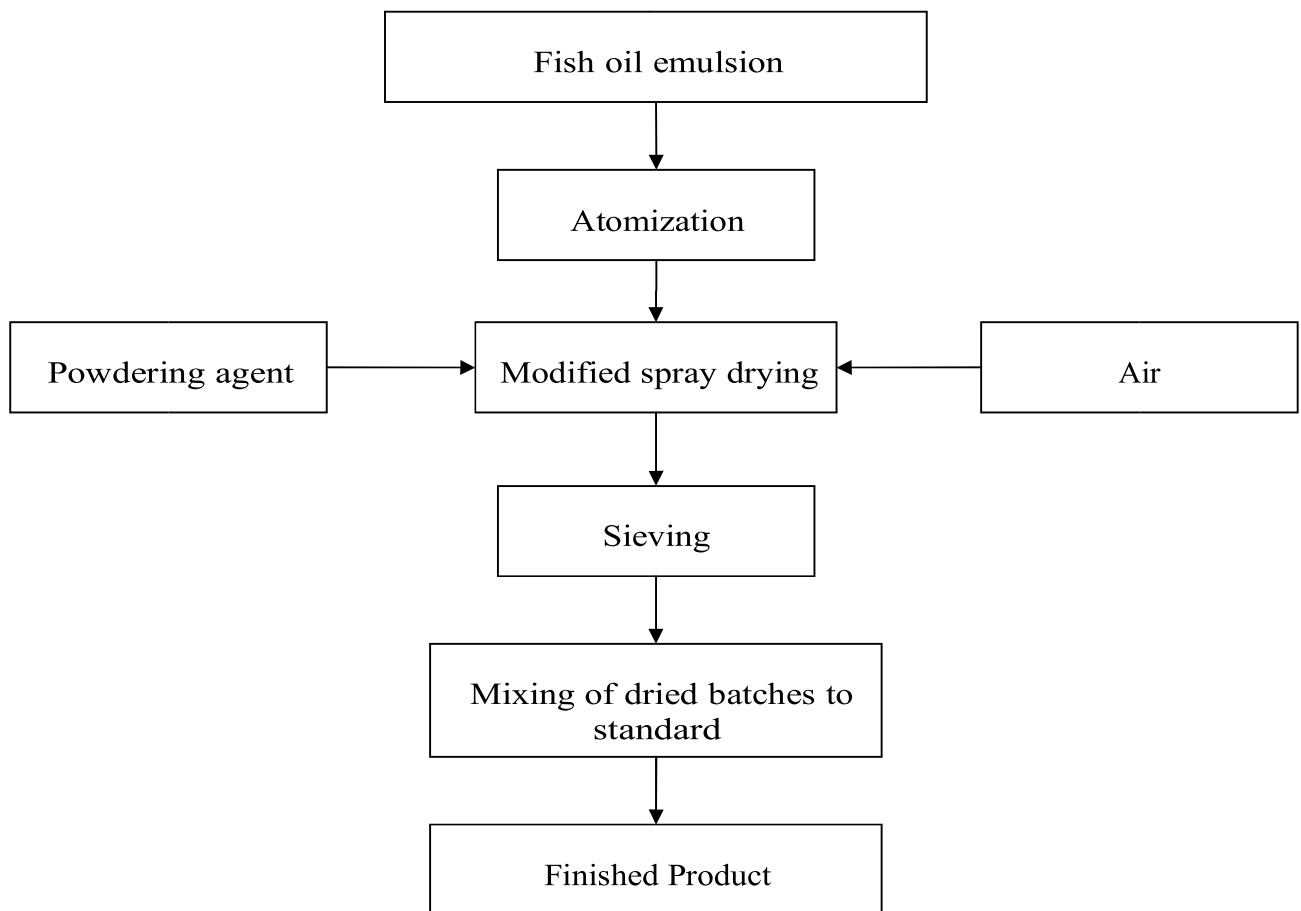
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Product Flow Chart



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Material Safety Data Sheet

To download this product's material safety data sheet, please click [here](#) and search for the Cambridge Commodities product code. If there is no MSDS available, please follow the on-screen instructions to request one.

The Information provided in this document is subject to change and the batch specific certificate of analysis should always be referenced.

To be used as per local legislation.

Change History

Version	Change	Customer Notification required Yes / No
1	Changed from V3 Specification to V1 Technical Dossier	Yes

Document Approval

Originator	Approver
 Mel Lee Quality Administrator	 Ash Bean Quality Specialist

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