



Ethyl Ester Fish Oil

VASTNESS BIOTECH CO.,LTD



Ethyl Ester Fish Oil Description

Ethyl Ester fish oil is a form of fish oil that undergoes esterification treatment to combine fatty acids in fish oil with ethanol to form ethyl ester. Ethyl fish oil is commonly used as a dietary supplement or for medicinal purposes, as it is rich in various beneficial fatty acids, especially Omega-3 fatty acids.

Omega-3 fatty acids are a kind of Essential fatty acid, which are very important for human health. They include EPA (eicosapentaenoic acid) and DHA (Docosahexaenoic acid), which are high in fish oil. After ethyl esterification treatment, the fatty acids of ethyl fish oil exist in the form of ethyl ester, which is more easily absorbed and utilized by the human body

The difference between Fish Oil and Algae Oil

SOURCE:

Ethyl Ester fish oil: Ethyl Ester fish oil is usually extracted from Deep-sea fish.

Algae oil: Algae oil is extracted from algae and is a plant-based Omega-3 fatty acid.

Omega-3 fatty acid content:

Ethyl Ester fish oil: Ethyl Ester fish oil is usually rich in EPA and DHA, which are high-quality Omega-3 fatty acids.

Algae oil: Algae oil is rich in DHA and is the main Omega-3 fatty acid from plant-based sources. However, compared to ethyl fish oil, its EPA content is relatively low.

Absorption and utilization:

Ethyl Ester fish oil: Ethyl Ester fish oil undergoes esterification treatment, and fatty acids exist in the form of ethyl ester, making it easier for the human body to absorb and utilize.

Algae oil: The conversion efficiency of plant derived DHA in the human body is relatively low, and its absorption and utilization efficiency may be poor compared to DHA in fish.

Source restrictions:

Ethyl Ester fish oil: Ethyl Ester fish oil originates from fish and is not suitable for vegetarians and those with fish allergies.

Algae oil: Algae oil is a plant-based source suitable for vegetarians and those with fish allergies.

Ethyl Ester Fish Oil Specifications

Product Code	Product Name	Specifications
SY-103001-1	DHA Tuna oil	24%
SY-103002-1	DHA Tuna Oil Powder	11%
SY-103003-1	Ethyl Ester (EE) fish oil	EPA30% DHA20%
SY-103004-1	Ethyl Ester (EE) fish oil	EPA50% DHA25%
SY-103005-1	Ethyl Ester (EE) fish oil	EPA40% DHA30%
SY-103006-1	Ethyl Ester (EE) fish oil	EPA40% DHA20%
SY-103007-1	Ethyl Ester (EE) fish oil	EPA36% DHA24%
SY-103008-1	Ethyl Ester (EE) fish oil	EPA33% DHA22%
SY-103009-1	Ethyl Ester (EE) fish oil	EPA18% DHA12%
SY-1030010-1	Ethyl Ester (EE) fish oil	EPA5% DHA25%
SY-1030011-1	Ethyl Ester (EE) fish oil	EPA10% DHA40%

SY-1030012-1	Ethyl Ester (EE) fish oil	EPA20% DHA30%
SY-1030013-1	Ethyl Ester (EE) fish oil	EPA25% DHA35%
SY-1030014-1	Ethyl Ester (EE) fish oil	EPA20% DHA40%
SY-1030015-1	Ethyl Ester (EE) fish oil	EPA10% DHA60%
SY-1030016-1	Ethyl Ester (EE) fish oil	EPA25% DHA50%

Ethyl Ester Fish Oil Function

Ethyl Ester Fish oil have several functions, mainly due to their richness in Omega-3 fatty acids, especially EPA (eicosapentaenoic acid) and DHA (docosahexaenoic acid). Here are some common functions of Ethyl Ester Fish Oil:

Heart Health: Omega-3 fatty acids are key nutrients for heart health. Intake of fish oil ethyl esters can lower blood triglyceride levels, reduce heart disease risk factors, lower blood pressure, and help protect heart health.

Joint health: Omega-3 fatty acids are anti-inflammatory, which can reduce the symptoms of arthritis, such as arthritis, and reduce joint pain and inflammation.

Brain and Cognitive Function: DHA is an important component of the brain and is essential for proper brain development and maintenance of function. Intake of fish oil ethyl esters has been associated with improved memory, learning ability, concentration, and emotional stability.

Eye Health: DHA is one of the main fatty acids of the retina and is essential for maintaining vision and eye health. Consumption of fish oil ethyl esters can help prevent eye diseases such as macular degeneration and dry eye.

Immune support: Omega-3 fatty acids play an important role in the regulation of the immune system, can enhance immune function, improve the body's resistance to disease, and reduce inflammation.

Anti-inflammatory effect: Omega-3 fatty acids in ethyl ester fish oil can inhibit the inflammatory process, reduce inflammation symptoms, and play an active role in the treatment of some inflammatory diseases such as rheumatoid arthritis and inflammatory bowel disease.

Women's health: Ethyl Ester Fish oil also have some impact on women's health. It can support the regulation of a woman's menstrual cycle, improve endometrial thickness, and reduce menopausal symptoms

Ethyl Ester Fish Oil Application

EE fish oil can be used in foods, beverage and dietary supplements

Please reach out to us if you need any product of Ethyl Ester Fish Oil Series

Vastness Biotech Co.,Ltd

Address: Room 3104, Unit 1, Building 4, No. 11

Pukou Avenue, Nanjing Zone, Jiangsu Free Trade Zone, China

Tel: +86(0)25 58889303

Website: <https://www.sy-vastness.com>

