

# PronovaPure® 460:180 EE

## Chemical names of active ingredient

Omega-3 Fatty Acids  
Eicosapentaenoic acid (EPA)  
Docosahexaenoic acid (DHA)

## CAS-No.

86227-47-6 EPA ethyl ester  
81926-94-5 DHA ethyl ester

## PRD-No.

30755976

## Articles

50693994\* 190 kg steel drum

\* packed under inert gas

## Country of origin

Norway

## Description

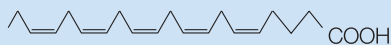
PronovaPure® 460:180 EE is a light yellow fish oil ethyl ester concentrate.

The fish oil is obtained from anchovies, sardines and mackerels (families Engraulidae, Clupeidae, Carangidae and Scombridae). The product is an ethyl ester (EE), rich in omega-3 fatty acids. The content of EPA (Eicosapentaenoic acid expressed as EE) and DHA (Docosahexaenoic acid expressed as EE) is min. 640 mg/g.

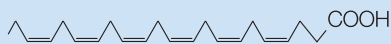
## Composition

Ingredients in descending order of weight: Fish oil ethyl ester concentrate, tocopherol-rich extract\* (E 306).

\* mainly derived from soybean (from identity preserved, not genetically modified origin).



Eicosapentaenoic Acid EPA



Docosahexaenoic Acid DHA

## Solubility

Practically insoluble in water, very soluble in acetone, in ethanol (96 per cent), in heptane and in methanol.

## Specification

### Assay

as ethyl ester Ph. Eur. 2063/2.4.29

EPA (Eicosapentaenoic acid)	min. 460 mg/g
DHA (Docosahexaenoic acid)	min. 180 mg/g
EPA & DHA	min. 640 mg/g
Total Omega-3 content	min. 700 mg/g

For further information see separate document: "Standard Specification" (not for regulatory purposes).

## Standards

Produced under FSSC 22000, cGMP and HACCP principles. Product is halal certified.

## Monographs and Regulations

PronovaPure® 460:180 EE meets the requirements for an omega-3 fatty acid source in most countries. The product complies with the Ph. Eur. Monograph on Omega-3-acid ethyl esters 60 (2063). Further, the product conforms to the voluntary GOED monograph in the current version.

Fish oil ethyl ester concentrates are accepted for use in dietary supplements in most countries. However, specific regulations on the product and its ingredients in the respective countries and for its intended use have to be observed.

## Stability, Storage and Handling

Stored in its unopened original packaging at ambient conditions (0 – 25 °C / 32 – 77 °F), the product is stable for at least 36 months.

The product is sensitive to oxygen, light and heat. It should therefore be stored in the tightly sealed, lightproof packaging in a cool place. Once opened, it is recommended to flush the remaining contents with inert gas and use as quickly as possible.

## Applications

### *Dietary supplements:*

PronovaPure® 460:180 EE is intended for use in dietary supplements such as in soft gel capsules.

### **Note**

PronovaPure® 460:180 EE must be handled in accordance with the Material Safety Data Sheet.

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