

ARA Oil Gold AP

Chemical name of active ingredient

Arachidonic acid-rich oil (ARA)

CAS-No.

68424-59-9 Glycerides, C₁₄₋₂₂ and
C₁₆₋₂₂ unsaturated

PRD-No.

30797005

Articles

50790273 900 kg Composite IBC*

* packed under inert gas



Arachidonic acid (C_{20:4n-6})

Country of origin

Germany

Description

Clear, yellowish to amber oil at 40°C. Arachidonic acid-rich oil obtained from *Mortierella alpina* standardized to an assay of minimum 40% ARA.

Composition

Ingredients in descending order of weight:
Oil from *Mortierella alpina*, sunflower oil, tocopherol-rich extract (E 306), ascorbyl palmitate (E 304 (i)).

Solubility

Insoluble in water, sparingly soluble in ethanol. Miscible with organic solvents, vegetable oils and fats.

Specification

Assay as triglycerides
Arachidonic acid min. 40.0 weight%

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

Standards

Produced under ISO 9001 and FSSC 22000. Product is kosher and halal certified.

Stability, Storage and Handling

The product is sensitive to air, heat, and light. Stored in its unopened original packaging at frozen conditions (below -18°C) the product is stable for at least 24 months as from date of manufacture. Stored under refrigeration ($+2$ to $+8^{\circ}\text{C}$) the product is stable for at least 12 months as from the date of delivery, within the limit of 24 months from manufacturing date. Once opened, it is recommended to use the remaining contents as quickly as possible.

Applications

Main applications: Fortification of foods with arachidonic acid (e.g. infant foods). Regulatory provisions on the use of oil from *Mortierella alpina* and on the use of the added food ingredients in the respective countries and in the intended application must be observed.

Note

ARA Oil Gold AP must be handled in accordance with the Material Safety Data Sheet.

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