

Vitamin A-Acetate 1.5 Mio IU/G stabilized with BHT

Vitamin A (retinyl acetate) in sunflower oil

Chemical name(s) of active ingredient

Vitamin A acetate, retinyl acetate, all-trans-retinol acetic acid ester, all-trans-retinyl acetate

CAS-No. 127-47-9

EINECS-No. 204-844-2

PRD

30041021

Articles

50563945 4 x 5 kg plastic can in box
50046502 0.1 kg aluminum drums

Country of origin

Germany

Units

1 International Unit (IU) = 0.344 µg vitamin A acetate = 0.300 µg RAE (retinol activity equivalent) = 0.300 µg RE (retinol equivalents)

Description

Yellow, oily liquid at room temperature, with a mild odor. At the recommended storage temperatures, some of the vitamin A acetate may crystallize. Vitamin A concentration was adjusted by adding sunflower oil. The product is packed under inert gas.

Benefits

Vegetarian, kosher, halal, allergen-free, gluten-free

Composition

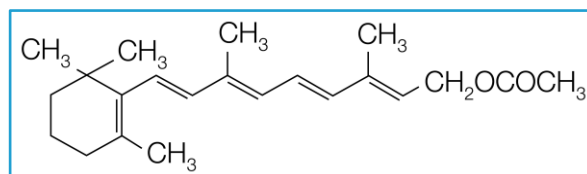
Ingredients in descending order of weight: retinyl acetate (vitamin A acetate), sunflower oil, butylated hydroxytoluene (BHT, E 321)

Solubility

Soluble in hydrocarbons, chlorinated hydrocarbons, ethers, fats, and oils. The solvent should not contain peroxides. Insoluble in water.

Specification

Assay vitamin A min. 1.5 million IU
(= 450,000 µg RAE) per gram



C₂₂H₃₂O₂

328.5 g/mol

For further information see "Product Specification" (not for regulatory purposes) available in BASF's Human Nutrition Virtual Assistants (<https://nutritionvirtualassistants.basf.com>).

Regulations

For quality documentation please see „Quality and Regulatory Product Information“ (QRPI, Quality Documentation). The product complies with the current "Vitamin A concentrate (oily form), synthetic" Ph. Eur., "Vitamin A" USP, FCC III and "Vitamin A concentrate Oil" IP monographs. The product meets the regulatory requirements for a vitamin A source in most countries. It is the obligation of the user to check the regulations on the ingredients used in the respective countries and for the intended use.

Stability and storage

Vitamin A is sensitive to light, heat, oxygen and moisture and needs to be stored in a light-proof and airtight container. The product is stabilized with approx. 10 mg butylated hydroxytoluene (BHT, E 321) per 1.0 million IU. Stored in its unopened, original packaging at temperatures not above 15 °C, in a dry and dark place, the product is stable for at least 36 months.

Handling

Prior to use or sampling the closed product must be heated in a water bath or heating cabinet (at 40 °C for 4-6 h) and homogenized by inverting repeatedly. Before use make sure the melting procedure yielded a homogenous liquid without visible solids or turbidity. Product may partially crystallize during storage. It is recommended to use up the remaining contents quickly once the package has been opened.

Applications

Dietary supplements:

For preparations with a lipophilic base, e.g., encapsulated in soft gel capsules.

Food products:

For the fortification of fatty foods such as margarine, spreads, oils, milk, and dairy products. Quantities of 3 – 9 mg (10,000 – 30,000 IU) of vitamin A, calculated as retinol, are usually added per kg of margarine.

The regulations governing the use of BHT must be observed. Suitability of these applications is presented based solely on technical feasibility. Local prevailing legal or regulatory requirements are not considered and should be observed separately. Applications with specific requirements (e.g., medical nutrition, infant nutrition) do not belong to the typical applications of this product and BASF does not undertake additional measures to qualify the product for specific requirements. It is the customers responsibility to qualify the product in case the product is intended to be used in such applications.

Note

The product must be handled in accordance with the Safety Data Sheet.

This document and any information provided herein does not constitute a legally binding obligation of BASF and has been prepared in good faith and is believed to be accurate as of the date of issuance. Unless expressly agreed otherwise in writing in a supply contract or other written agreement between you and BASF:

- (a) To the fullest extent not prohibited by the applicable laws, BASF EXPRESSLY DISCLAIMS ALL REPRESENTATIONS, WARRANTIES, CONDITIONS OR GUARANTEES OF ANY KIND, WHETHER EXPRESS OR IMPLIED, WRITTEN OR ORAL, BY FACT OR LAW, INCLUDING ANY IMPLIED WARRANTIES, REPRESENTATIONS OR CONDITIONS OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, SATISFACTORY QUALITY, NON-INFRINGEMENT, AND ANY REPRESENTATIONS, WARRANTIES, CONDITIONS OR GUARANTEES, ARISING FROM STATUTE, COURSE OF DEALING OR USAGE OF TRADE AND BASF HEREBY EXPRESSLY EXCLUDES AND DISCLAIMS ANY LIABILITY RESULTING FROM OR IN CONNECTION WITH THIS DOCUMENT OR ANY INFORMATION PROVIDED HEREIN, including, without limitation, any liability for any direct, consequential, special, or punitive damages relating to or arising therefrom, except in cases of (i) death or personal injury, (ii) BASF's or its agents and assistants willful misconduct, fraud or fraudulent misrepresentation or (iii) any matter in respect of which it would be unlawful for BASF to exclude or restrict liability under the applicable laws;
- (b) Any information provided herein can be changed at BASF's sole discretion anytime and neither this document nor the information provided herein may be relied upon to satisfy any obligations you may have to undertake your own inspections and evaluation;
- (c) BASF rejects any obligation to, and will not, automatically update this document and any information provided herein, unless required by applicable law; and
- (d) You are responsible for confirming that you have retrieved the most current version of this document from BASF.
- (e) This document or any information provided herein must not be used for purposes of pharmaceutical registrations.