

# Dry Vitamin A-Acetate 325 GFP/E

## Chemical names of active ingredient

Retinyl acetate, all-trans retinol acetic acid ester, all-trans-retinyl acetate

**CAS-No.** 127-47-9

**EINECS-No.** 204-844-2

## PRD-No.

30253192\*

\* The product is kosher and halal.  
Sold in the US and the EU only.

## Article

50491815 25 kg bag in box

## Country of origin

Denmark

## Units

1 International Unit (IU) = 0.344 µg  
vitamin A-acetate

## Description

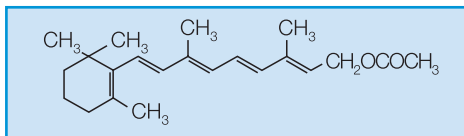
Free-flowing, light-yellow powder, consisting of spherical particles.

## Composition

Ingredients in descending order of weight: sucrose, corn starch, gum arabic, vitamin A-acetate, DL-alpha-tocopherol, silicon dioxide.

## Solubility

The product can be dispersed in cold water with temperatures as low as 10 °C, to form a stable milky emulsion.



$C_{22}H_{32}O_2$

Molar mass 328.5 g/mol

## Specification

Assay min. 325,000 IU vitamin A  
(= 97,500 µg RAE) per gram

For further information see separate document: "Standard Specification" (not for regulatory purposes) available via BASF's WorldAccount: <https://worldaccount.basf.com> (registered access).

## Monographs

The product complies with the current "Vitamin A concentrate (powder form), synthetic" Ph. Eur. and "Vitamin A" USP monographs.

## Regulations

The product meets the regulatory requirements for a vitamin A source in most countries. However, regulations on the ingredients used in the respective countries and for the intended use have to be observed.

## Bulk density

Approx. 0.6 g/ml

## Stability

The product is stabilized with DL-alpha-tocopherol (E307). It is sensitive to moisture, atmospheric oxygen, heat, and light.

Stored in its original packaging in a cool (8 – 15 °C), dry place, the product is stable for at least 24 months.

## Storage/Handling

As vitamin A is sensitive to atmospheric oxygen, light, moisture, and heat, the product should be stored in the original packaging in a cool (8 – 15 °C), dry, and dark place.

It is recommended to use up the remaining contents quickly once the package has been opened.

## Applications

### Food products:

The product has been developed for the fortification of food products including e.g., dried milk as well as vitamin mixtures for the food industry. The product is gelatin-free and particularly suitable for vegetarian foods.

### Dietary supplements:

For use generally in multivitamin preparations and in particularly where cold-water dispersibility is required.

## Note

Dry Vitamin A-Acetate 325 GFP/E must be handled in accordance with the Safety Data Sheet.

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