

# Dry Vitamin A-Acetate 325 GFP

## 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.

30056973\*

\* The product is kosher and halal.

## Article

50051212 25 kg bag in box

## Country of origin

Denmark

## Units

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

## Description

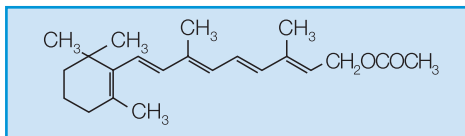
Free-flowing, light-yellow powder, consisting of spherical particles.

## Composition

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

## Solubility

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



**C<sub>22</sub>H<sub>32</sub>O<sub>2</sub>**

**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.

## 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. Regulatory provisions for the use of tricalcium phosphate (E 341) in the different product categories have to be considered. 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 must be handled in accordance with the Safety Data Sheet.

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