

Dry Vitamin A-Acetate 325 GFP

Microencapsulated vitamin A (retinyl acetate), beadlets

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

30056973

Articles

50051212	25 kg bag in box
50050311	0.05 kg plastic film bags

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

Free-flowing, light yellow beadlet powder consisting of spherical particles, possibly containing a few whitish particles.

Benefits

Vegetarian/vegan¹, kosher, halal, allergen-free², gluten-free³

Composition

Ingredients in descending order of weight: sucrose, corn starch, gum arabic, vitamin A acetate, *all-rac*-alpha-tocopherol (DL-alpha-tocopherol), tricalcium phosphate

Solubility

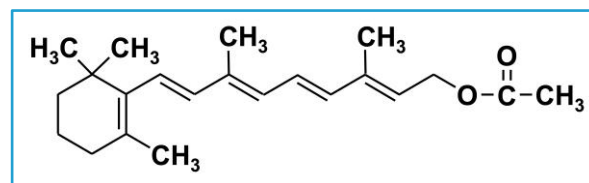
Dispersible in cold water (≥ 10°C) to form a stable milky white emulsion

Specification

Assay vitamin A: Ph.Eur	min. 325,000 IU (= 97,500 µg RAE) per gram
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For further information see *Product Specification* (not for regulatory purposes) available in BASF's Human Nutrition Virtual Assistants:

<https://nutritionvirtualassistants.basf.com>



C₂₂H₃₂O₂

328.5 g/mol

Regulations

For quality documentation and compliance please see *Quality & Regulatory Product Information* and *Product Specification*. Regulatory provisions for the use of tricalcium phosphate in the different product categories have to be considered. It is the obligation of the user to check the regulations on the ingredients used in the respective countries and for the intended use.

Bulk density

Approx. 0.6 g/ml

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 *all-rac*-alpha-tocopherol. Stored in its unopened, original packaging at cool temperature (8 -15 °C), in a dry place, the product is stable for at least 24 months.

Handling

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

Applications

For use in tablets, hard-shell capsules, gummies, bars, dry mixes and liquids. The product is gelatin-free and particularly suitable for vegetarian products. For multivitamin preparations and particularly where cold-water dispersibility is required.

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. This product is not intended and recommended by BASF for use in food for infants and young children and has not been qualified by BASF for use in those applications with specific requirements. BASF is not testing or manufacturing the product to meet requirements which are applicable for these applications. BASF disclaims any representations, warranties and guarantees of fitness for such particular uses.

Note

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

¹ According to International Standard ISO 23662 on definitions and technical criteria for foods and food ingredients suitable for vegetarians or vegans and for labelling and claims.

² No labeling requirements with regard to allergens according to EU regulation (EC) No 1169/2011 (as amended) and the US Food Allergen Labeling and Consumer Protection Act (FALCPA).

³ No ingredients used containing gluten. However, products are not explicitly tested on gluten.

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