

Vitamin B12 1% SD

Vitamin B₁₂ (cyanocobalamin), spray-dried

Chemical name(s) of active ingredient

Vitamin B₁₂, cyanocobalamin

CAS-No. 68-19-9

EINECS-No. 200-680-0

PRD

30508688

Articles

50494653 20 kg bag in a box
50151849 0.05 kg plastic film bags

Description

Free-flowing, pink powder of almost spherical particles or agglomerates with a mild characteristic odor.

Benefits

Vegetarian/vegan¹, kosher, halal, allergen-free², gluten-free³, naturally-derived⁴

Composition

Ingredients in descending order of weight: maltodextrin, cyanocobalamin (vitamin B₁₂), trisodium citrate, citric acid

Solubility

The product is soluble in cold water (≥10°C).

Specification

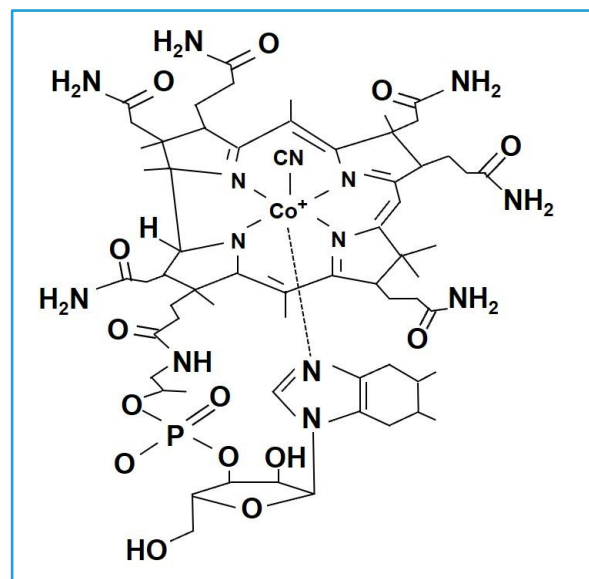
Assay min 1.0%

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 and compliance please see *Quality & Regulatory Product Information* and *Product Specification*. The product meets the regulatory requirements for a vitamin B₁₂ 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.



C₆₃H₈₈CoN₁₄O₁₄P

1355.4 g/mol

Bulk density

Approx. 0.5 g/ml

Stability and storage

Stored in its original packaging at room temperature (max. 25 °C), the product is stable for at least 36 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, syrups, gummies and similar products. Due to the small particle size and relatively low vitamin B₁₂ content of the dry powder, the vitamin can be distributed homogeneously even in formulations with a low active content.

Vitamin B₁₂ 1% SD is highly suitable for use in powder food products, which are dissolved in water or milk prior to consumption. It can also be used in vitamin mixtures for foods and beverages.

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.

⁴ Main / active ingredient originating from natural materials. May contain formulation ingredients not matching "natural" definition.

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