

Vegapure® NG

Chemical names of active ingredient

Plant sterol esters, phytosterol esters, wood/vegetable oil sterol esters

PRD-No.

30533431

Articles

50203386 bulk container

Country of origin

Germany

Description

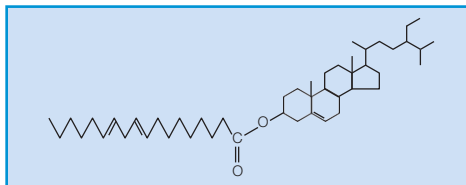
Vegapure® NG plant sterol esters are obtained by esterification of free plant sterols mainly derived from tall oil and rapeseed with fatty acids obtained from vegetable oil. Vegapure® NG is a yellow viscous oily paste at ambient temperature, and above 50 °C it is a clear oil with typical fatty odor and taste. Tocopherol-rich extract mainly derived from soybean is added as antioxidant. The product is packed under inert gas.

Composition

Ingredients in descending order of weight: Plant sterol esters and tocopherol-rich extract (E 306).

Solubility

Insoluble in water; miscible with organic solvents, vegetable oils and fats.



(Main) active(s): Sitosterol Ester

Specification

Assay

Total sterol esters and free sterols min. 97%

Total sterol content min. 59%

For further information see separate document: "Product Specification" (not for regulatory purposes).

Monographs

Vegapure® NG plant sterol esters comply with the FAO JECFA Monograph PHYTOSTEROLS, PHYTOSTANOLS AND THEIR ESTERS.

Standards

The product is kosher and halal. For quality documentation please see „Quality and Regulatory Product Information“ (QRPI, Quality Documentation).

Regulations

Plant sterol esters have GRAS (generally recognized as safe) status for use in food applications in the USA. Plant sterol esters are accepted for use in foods and in dietary supplements in most countries. However, specific regulations on the product and its ingredients in the respective countries and for its intended use have to be observed.

Vegapure® NG is from not genetically modified raw materials and is thus not subject to labelling under EU Regulations (EC) 1829/2003 and 1830/2003.

Stability, Storage and Handling

Stored in its unopened original packaging at ambient conditions, the product is stable for at least 9 months. Specified transport and stability at temperatures > 60 °C might be applied for liquid deliveries.

The product is sensitive to atmospheric oxygen, light and heat. It should therefore be stored in the tightly sealed, lightproof packaging in a cool place. After opening of the product, it should be repacked under inert gas. Usage as quickly as possible is recommended. Prior to its use it is recommended to heat the product to 45 – 60 °C.

Applications

Food and beverage products:

Vegapure® NG is intended for use in functional food and functional beverages with margarine and dairy products being the main categories. It is almost neutral in taste and odor and is an ideal form for plant sterols in food applications.

Notes

Vegapure® NG must be handled in accordance with the Material Safety Data Sheet.

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