

Vegapure® 95 E

Chemical names of active ingredient

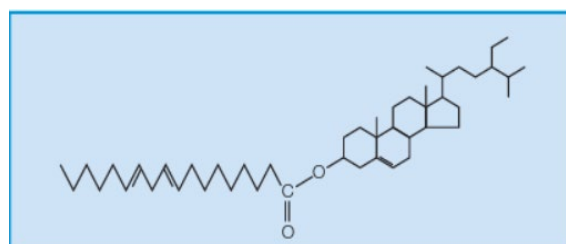
Plant sterol esters, phytosterol esters,
wood/vegetable oil sterol esters

PRD-No.

30534530

Articles

50210445	25 kg plastic drum
50210442	180 kg steel drum
50691862	900 kg composite IBC
50222692	900 kg composite IBC
50387692	900 kg steel IBC



Main active: Sitosterol Ester

Country of origin

Germany

Description

Vegapure® 95 E plant sterol esters are obtained by esterification of free plant sterols with fatty acids obtained from vegetable oil. Vegapure® 95 E 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 and ascorbyl palmitate are added as antioxidants. The product is packed under inert gas.

Composition

Ingredients in descending order of weight:
Plant sterol esters, tocopherol-rich extract (E 306),
ascorbyl palmitate (E 304 (i)).

Solubility

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

Standards

Product is kosher and halal. Produced under ISO
9001, FSSC 22000.

The product complies with the FAO JECFA
Monograph Phytosterols, Phytostanols and their
esters.

Please see document „Quality and Regulatory
Product Information“ (QRPI).

Specification

Assay

Total sterol esters and free sterols	min. 97% (area)
Total sterol content	min. 59% (weight)

For further information see separate document
“Product Specification”.

Regulations

Plant sterol esters have GRAS (generally recognized as safe) status for use in food applications in the USA. They have also been approved as Novel Food ingredient for several specific functional food applications within the EU as well as in many other countries. However, specific regulations on the product and its ingredients in the respective countries and for its intended use have to be observed. Vegapure® 95 E is derived 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

For food applications: stored in its unopened original packaging at refrigerated conditions (2 – 8 °C for maintaining the fresh taste in food and beverages), the product is stable for at least 18 months in drums and 15 months in IBCs.

For dietary supplements: in soft gelatin capsules or similar applications where sensory is not as important as in food products Vegapure® 95 E will keep at least for 24 months stored under ambient conditions (below 25 °C).

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. Once opened, it is recommended to use the remaining contents as quickly as possible. Prior to its use it is recommended to heat the product to 45 – 60 °C.

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Applications

Food and beverage products:

Vegapure® 95 E 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.

Dietary supplements:

Vegapure® 95 E is also intended for use in supplements, it is recommended for use in soft gelatin capsules and liquid preparations such as sirups or one-shot supplement beverages.

Notes

Vegapure® 95 E must be handled in accordance with the Material Safety Data Sheet.