

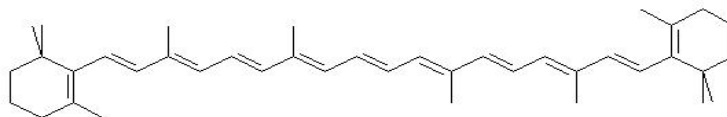
Beta Carotene 22% LF



Product Data Sheet

Product Identification

Product Code	HNBC22A
Chemical Name	β , β -Carotene; 1,18-(3,7,12,16-Tetramethyl-1, 3, 5, 7, 9, 11, 13, 15, 17, octadecanonaen-1,18-diyl)-bis-(2,6,6-trimethylcyclohexene)
Chemical Formula	



Synonyms	β -Carotene
CAS Number	7235-40-7
EINECS Number	230-636-6
E number	E160a (i)
Empirical Formula	$C_{40}H_{56}$
Molecular Mass	536.85 g/mol

Product Description

β -Carotene 22% LF is a suspension containing micronized crystals of β -Carotene dispersed in corn oil. DL- α -Tocopherol, Ascorbyl Palmitate and Citric Acid are added as antioxidants. It is liquid at 0C.

Appearance	reddish-brown Suspension
Light absorption	max. absorption at 453—457 nm in cyclohexane
Heavy metals	max. 10 ppm
Beta-Carotene content	min. 22.0% w/w
Microbiological Purity	Corresponds

Dispersibility

Beta-Carotene 22% LF is slightly soluble in oils and fats. A suitable stock solution can be prepared by heating the suspension with a peroxide-free vegetable oil (1.2 g/l) at 45 – 50°C.

Stability and Storage

Beta-Carotene 22% LF is sensitive to air, heat, light and humidity. The product may be stored for 36 months from the date of manufacture in the unopened original container and at room temperature. The retest date is printed on the label. Keep container tightly closed. Use contents quickly when opened.

Use

Used as a coloring agent or as a nutrient especially for the popcorn industry. Can also be used for oils, fats and oil based foods where antioxidant system is applicable (margarine, cheese, ice cream, mayonnaise, salad dressings, sauces, bakery products, soups). Shake well before use.

Beta Carotene 22% LF



Packaging

5 x 1 kg Aluminum can in box

5 kg plastic pail in box

20 kg Plastic pail in box

Certificates

Kosher; Halal; Non GMO; does not contain ingredients of known allergenic potential.

Country of Origin

India

Safety

This product is safe for the intended use. Avoid direct contact or ingestion through applicable protective measures and personal hygiene. For complete safety information and necessary precautions, please consult the respective DIVI'S Laboratories Safety Data Sheet.

About Divi's Laboratories

As a multinational company, Divi's Laboratories, has been serving the global pharmaceutical, nutraceutical and food markets for over 25 years. Our manufacturing facilities, located in India, are certified under ISO 9001, ISO 14001, OHASAS 18001 and FSSC 22000. The plants operate under HACCP guidelines with additional FDA inspection. As part of Divi's dedication to quality and innovation, a team of over 200 scientists make up our departments of Quality, Research & Development. This team provides support and collaboration with external partners, suppliers and customers.

The Divi's Difference

Divi's Nutraceuticals has a fully validated and backward integrated manufacturing process, from molecule to finished form. This approach means flexibility, reliability and the best total value for our customers.

For more information about Divi's Nutraceuticals or any of our products, please visit us at www.divisnutraceuticals.com

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