

www.nhu-eu.com info@nhu-eu.com +49 (0)4131 580-88-00 Daimlerstraße 14 - 16 | 21357 Bardowick

> Version: 9.00.0001 Date: 16.02.2024

SPECIFICATION

Product name

Product code Production site Beta carotene 1 % SD CWS/A Food grade SP06-21 Xinchang NHU Vitamins

Description

Ingredients

Synonym Formula Molecular weight CAS No

Properties

Shelf life

Aspect

Colour intensity Assay (GC) Loss on drying Solubility Sieve analysis

Heavy metals Arsenic (As) Lead (Pb) Mercury (Hg) Cadmium (Cd)

Microbiological specs

Total plate count Mould and Yeast Coliforms E. coli Salmonella Staph. aureus Beta carotene (E160a(i)), gum Arabic, maltodextrin, sucrose, octyl and decyl glycerate, sodium ascorbate and DL-alpha-Tocopherol (E307) as antioxidant, tricalcium phosphate as anti-caking agent β , β -Carotene $C_{40}H_{56}$ 536,9 g/mol 7235-40-7

30 months after production date, in unopened original packaging free flowing red-orange powder of aqueous solution A (1 %, 1 cm) at min. 25 ≥ 1,0 % ≤ 5,0 % Dispersible in cold water forming an emulsion ≥ 95 % through sieve No. 50 (US)

≤ 5 mg/kg ≤ 1 mg/kg ≤ 0,5 mg/kg ≤ 0,1 mg/kg ≤ 0,5 mg/kg

≤ 1000 CFU/g ≤ 100 CFU/g < 0,3 MPN/g negative in 10 g negative in 25 g negative in 25 g

Bank account EUR Deutsche Bank AG DE 53 2407 0075 0019 5222 00 DEUTDE2H240 Bank account USD Deutsche Bank AG DE 53 2407 0075 0019 5222 0005 DEUTDE2H240 NHU EUROPE GMBH

VAT Nr: DE 300 149 623 I Company license Nr: HRB 205610 District Court: Lüneburg/Germany General Manager: Thomas Hoops



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Handling Usage Stability Storage

for food and cosmetics applications Sensitive to moisture, oxygen, heat and light. Should be stored in original unopened containers at a temperature below 25 °C. Once opened, use contents quickly. Store in a cool, dry place.

The product complies to the current USP version for Beta carotene preparations. The included active ingredient Beta-Carotene (E160a(i)) complies to EU 231/2012 of 9th of March 2012, USP, EP9.6, FCC9 and JECFA.

NHU EUROPE GmbH

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