

SPECIFICATION

Vitamin A 500.000 I.U./g SD CWS/A Food Grade

Production unit

Xinchang NHU Vitamins

Description

Ingredients

The product consists of Vitamin A acetate, gum Arabic, maltodextrin, sucrose, sodium ascorbate, dl-alpha-tocopherol as antioxidant, silicon dioxide as an anti-caking agent

Synonym

Retinyl acetate

all-(E)-3,7-dimethyl-9-(2,6,6-trimethyl-1-cyclohex-1-enyl)2,4,6,8-nona tetraene-1-yl Acetate

Formula

C₂₂H₃₂O₂

Product code

SP01-12

CAS No

127-47-9

Properties

Shelf life

24 months after production date in unopened original packaging

Aspect

Light yellow, free flowing powder.

Assay (GC)

Min. 500.000 I.U./g

Loss on drying

Max. 5,0 %

Solubility

Dispersible in cool water forming a milky emulsion

Sieve analysis

100 % through sieve no. 40 (US)

Min. 90 % through sieve no. 60 (US)

Min. 45 % through sieve no. 100 (US)

Absorbance ratio

Min. 0,85

Identification

EP: TLC

USP: A: Colour reaction with antimony III

B: TLC

Heavy metals

Arsenic (As)

Heavy metals max. 10 mg/kg
max. 1,0 mg/kg

Lead (Pb)

max. 0,5 mg/kg

Cadmium (Cd)

max. 0,5 mg/kg

Mercury (Hg)

max. 0,1 mg/kg

Microbiological specs

Total plate count	< 1000 CFU/g
Mould and Yeast	< 100 CFU/g
E. coli	negative in 10 g
Salmonella	negative in 25 g

Handling

Usage for food industry

Stability

Sensitive to moisture, oxygen, heat and light
Once opened, use contents quickly; not used content should be protected by inert gas.

Storage

It is recommended to store in a cool (below 15 °C) and dry place

Classified as **hazardous substance** as per EU regulation.

NHU EUROPE GmbH

Vit. A500 SD CWS/SP01-12/erstelltundfreigegeben: 221222/av

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 | Company license Nr: HRB 205610
District Court: Lüneburg/Germany
General Manager: Thomas Hoops