



NHU EUROPE GmbH, Daimlerstrasse 14-16, D-21357 Bardowick

TO WHOM IT MAY CONCERN

NHU EUROPE GmbH
Daimlerstrasse 14-16
21357 Bardowick
Deutschland

Telefon: + 49 4131 58088-00
E-Mail: info@nhu-eu.com

Bardowick, August 2018

SPECIFICATION

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

Ingredients

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. 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

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

Heavy metals

Max. 10 mg/Kg

Arsenic (As)

Max. 1 mg/Kg

Lead (Pb)

Max. 2 mg/Kg

Traces of BHT

Max. 0,1 %

Microbiological specs

Total plate count

≤ 1000 CFU/g

Mould and Yeast

≤ 100 CFU/g

Coliforms

≤ 0,3 MPN/g

Salmonella

Negative (in 25 g)



Handling

Stability

Sensitive to moisture, oxygen, heat and light
Once opened, use contents quickly

Storage

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

Transport instructions

See our latest safety data sheet

MSDS

Yes

classified as hazardous
as per EU regulation

Yes, as hazardous substances

NHU EUROPE GmbH