

SPECIFICATION

Sodium ascorbate Food Grade (E301) (EP9.8/USP42)

Production unit

Heilongjiang NHU Biotechnology

Description

Ingredients
Synonym

Ascorbic acid Sodium
Vitamin C Sodium, Sodaascorbate, Natrascorb,
Ascorbicin, Cenolate, Ascorbin, Cebitate

Formula
Product code
CAS No

$C_6H_7NaO_6$
SPCA01
134-03-2

Properties

Shelf life
Aspect
Assay (GC)
Loss on drying
Identification (EP)

24 months
White or yellowish crystalline powder or crystals
99 – 100,5 %
< 0,2 %
First: B, D; Second: A, C, D
A: specific rotation, meets the requirements
B: Infrared absorption spectrophotometry
C: a grey precipitate is formed
D: 1 ml of Solution S gives reaction of sodium

pH (with 10 % water solution)
pH (Solution S)
Specific Optical rotation
Sulfates

6,5 to 8,0 (EU 231/2012)
7,0 to 8,0 (Ph.Eur.)
+ 103 to + 106
< 150 mg/kg

Impurities

Impurity E
Impurities C, D
Unspecified impurities (each)
Sum of impurities other than C and D

< 0,2 % (EP)
< 0,15 %
< 0,1 %
< 0,2 %

Heavy metals

Copper
Iron
Nickel
Arsenic (As)
Lead (Pb)
Mercury (Hg)
Cadmium (Cd)

< 5 mg/kg
< 2 mg/kg
< 1 mg/kg
< 1 mg/kg
< 0,5 mg/kg
< 0,1 mg/kg
< 0,5 mg/kg

Residual solvents (Methanol) < 200 mg/kg

Microbiological specs

Total plate count < 1000 CFU/g
Mould and Yeast < 100 CFU/g
Coliforms Negative in 10 g
Salmonella Negative in 25 g
Staph. aureus Negative in 25 g

Handling

Usage for cosmetic and food industry
product can also be used as feed additive (1b301),
dosage in feed: as per latest version of European
feedstuff law

Storage Preserve in tight, light-resistance original containers.

Transport instructions please see our latest MSDS.

NHU EUROPE GmbH

Sodium ascorbate/SPCA01/erstelltundfrei gegeben: 180722/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

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