

SPECIFICATION

Vitamin B12 (Cyanocobalamin) SD 0,1 %

Production unit

Xinchang NHU Vitamins

Description

Ingredients

Vitamin B12 (Cyanocobalamin), maltodextrin, sodium citrate, citric acid

Synonym

Cyanocobalamin, Vitamin B 12

Formula

$C_{63}H_{88}CoN_{14}O_{14}P$

Product code

SP18-06

CAS-No.

68-19-9

Properties

Shelf life

36 months in unopened original packaging

Aspect

pink free-flowing powder

Assay (GC)

$\geq 0,1 \%$

Loss on drying

$\leq 6 \%$

Solubility

dispersible in cool water

Identification

The retention time of the major peak of the sample solution corresponds to that of the standard solution, as obtained in the assay

Sieve analysis

100 % through sieve No. 60 (US)

$\geq 95 \%$ through sieve No. 80 (US)

Heavy metals

$\leq 10 \text{ mg/kg}$

Arsenic (As)

$\leq 1,0 \text{ mg/kg}$

Lead (Pb)

$\leq 0,5 \text{ mg/kg}$

Microbiological specs

Total plate count

$\leq 1000 \text{ CFU/g}$

Mould and Yeast

$\leq 100 \text{ CFU/g}$

Coliforme

$< 0,3 \text{ MPN/g}$

Salmonella

negative in 25 g

Staph. aureus

negative in 25 g

Handling

Usage	for food industry product can also be used as feed additive dosage in feed: as per latest version of European feedstuff law
Storage	store in tight, light-resistant containers, room temperature
Transport instructions	please see our latest MSDS.

The included active ingredient Vitamin B12 (Cyanocobalamin) complies with the current Cyanocobalamin Ph. Eur. and USP monographs.

NHU EUROPE GmbH