

SPECIFICATION

Vitamin B6 Feed Grade

Production site

Shandong NHU Fine Chemical Science and Technology Co. Ltd.

Description

Ingredients

The feed additive consists of Vitamin B6 (3a831)

Synonym

Pyridoxine Hydrochloride

Formula

$C_8H_{11}NO_3$ HCl

Product code

SLB6-01

CAS No.

58-56-0

Properties

Shelf life

24 months after production date in unopened original packaging

Appearance

White to yellowish crystalline powder

Identification

First identification: B, D (EP)

Second identification: A, C, D (EP)

A: Ultraviolet and visible absorption spectrophotometry

B: Infrared absorption spectrophotometry

C: Thin-Layer chromatography

D: Solution S gives reaction of chlorides

USP: A: Infrared absorption

B: Reaction of chlorides

Appearance of solution

Clarify, no deeper than Y7

Assay

99,0 % - 101,0 %

Loss on drying

≤ 0,5 % (EP)

Residue on ignition

≤ 0,1 %

PH

2,4-3,0

Chloride

16,9 %-17,6 %

Related substances (Disregard limit: 0,05 %)

Impurity B

≤ 0,15 %

Unspecified Impurity

≤ 0,10 %

Total Impurities

≤ 0,2 %

Heavy metals

≤ 10 mg/kg

Arsenic (As)

≤ 1 mg/kg

Lead (Pb)

≤ 0,5 mg/kg

Cadmium

≤ 0,5 mg/kg

Mercury

≤ 0,1 mg/kg

Handling

Usage and Dosage

Storage

Transport instructions

as per latest version of European feedstuff law

Store in shade and dry places

See our latest safety data sheet

NHU EUROPE GmbH