

SPECIFICATION

Vitamin B6 Feed Grade

Description

Ingredients	The feed additive consists of Vitamin B6 (3a831)
Synonym	Pyridoxine Hydrochloride
Formula	C ₈ H 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

Arsenic (As)	≤ 10 mg/Kg
Lead (Pb)	≤ 1 mg/Kg
Cadmium	≤ 0.5 mg/Kg
Mercury	≤ 0.5 mg/Kg
	≤ 0.1 mg/Kg

Handling

Usage and Dosage

Storage

as per latest version of European feedstuff law

Store in shade and dry places

NHU EUROPE GmbH

Vitamin B6/SLB6-01/freigegeben 30.05.2022/hky