



XINFA PHARMACEUTICAL CO., LTD.

新发药业有限公司

PRODUCT DATA SHEET

Product Name: Vitamin B1(Thiamine hydrochloride)
Product Expiry Date: 3 years
Appearance: White or almost white ,crystalline powder or colourless crystals
Chemical Formula: C₁₂H₁₇CIN₄OS • HCL
Molecular Weight:337.27
Specification:USP
CAS number: 67-03-8

Items of analysis	Specification
Appearance	White or almost white ,crystalline powder or colourless crystals
Identification	
A:Spectroscopic Identification Tests-infrared spectroscopy	Concordant with the reference spectrum
B: Identification tests-General, Chloride	Conform to USP2021
Limit of Nitrate	No brown ring is produced at the junction of the two layers
Absorbance of solution	≤0.025
pH	2.7 to 3.4
Water	not more than 5.0%
Residue on ignition	not more than 0.2%
Related compounds	not more than 1.0%
Assay	98.0~102.0%
Total plate count	<1000CFU/g
Mold and Yeast	<100 CFU/g
Heavy metals	Not more than 10ppm

