

PRODUCT DATA SHEET

Product Name: VITAMIN B1 (Thiamine hydrochloride)

Product Expiry Date: 3 years

Product Characteristics:

3-[(4-amino-2-methyl-5-pyrimidinyl)methyl]-5-(2-hydroxyethyl)-4-methyl-, chloride

Appearance: white or faintly yellow ,crystalline powder

Chemical Formula: C₁₂H₁₇CIN₄OS · HCl

Molecular Weight: 337.27

Specification:KOSHER/HALAL/ISO9001:2008/ISO14000/ISO18000/FAMI-QS/BRC

CAS number: 67-03-8

Specificatons:

ITEM	QUALITY STANDARD
Appearance	white or faintly yellow ,crystalline powder
Identification A: Infrared Absorption (197K) -Dry specimens at 105°C for 2 hours. B:Identification tests-general,chloride (191)	Positive reaction
pH	2.7-3.4
Water determination	not more than 5.0%
Residue on ignition	not more than 0.2%
Absorbance of solution	≤0.025
Limit of nitrate	Conform
Related compounds	not more than 1.0%
Assay	98.0%~102.0%
Total plate count	<1000CFU/g
Mold and Yeast	<100 CFU/g
Period of validit	3 years