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Vitamin B1 (Thiamine HCL) Specification

Vitamin B1, also called Thiamine, is one of the eight B-vitamins. All B vitamins help the body convert food into fuel, which the body uses to produce energy. Thiamine plays an important role in maintaining a healthy nervous system and improving the cardiovascular functioning of the body. It is often used in multivitamin formulations.


CAS No.	67-03-8
Molecular Formula	C₁₂H₁₇ClN₄.HCl
Packaging	25kg
Place of origin	China
Certificate	Haccp, Kosher, Hala, ISO
Payment terms:	T/T or L/C
Port of dispatch	Shanghai, Tianjin, Qindao
Applications	Thiamine HCL (Vitamin B-1) is a kosher vitamin supplement with a minimum specification of 98% USP24. This product is most commonly used in nutraceutical, nutritional supplement, and food additive applications.

Vitamin B1 (Thiamine HCL)

ITEM	SPECIFICATION
Appearance	White crystals or crystalline powder
Identification	

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-A. Infrared absorption	Consistent with the reference IR spectra
-B. Chloride	A white curdy precipitate is formed with silver
	nitrate, the precipitate is insoluble in nitric acid
	but dissolves readily in ammonia
pH	2.7~3.4
Water	≤ 5.0%
Residue on Ignition	≤ 0.20%
Absorption of solution	≤ 0.025
Limite of nitrate	No brown ring is produced at the junction of the
	two layers
Related compounds	≤ 1.0%
Residual solvent	
-Methanol	≤ 0.3%
-Ethanol	≤ 0.5%
Assay	98.0%-102.0%
Heavy metals	
-Lead	≤ 0.5ppm
-Cadmium	≤ 1.0ppm

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-Arsenic	≤ 1.0ppm
-Mercury	≤ 0.1ppm
Microbiological Characteristics	
Total plate count(Plate culture)	≤100cfu/g
Yeasts & Molds	≤10cfu/g
E. coli & Salmonella	Negative
Staphylococcus aureus:	Negative

We're Vitamin B1 (Thiamine HCL) **Manufacturers, Suppliers and Wholesalers** in China.

Based on our 15 years in food additives & ingredients market, we have a knowledge of China market and manufacturers. We can help our abroad customers save time selecting good manufacturers and update the current market in China.

Contact Us

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