

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	02071
Product	Thiamine hydrochloride
Lot Number	000854-1201407384
	Vitamin B1 hydrochloride
	Aneurine hydrochloride
CAS Number	67-03-8
Molecular Formula	C ₁₂ H ₁₇ ClN ₄ OS
Molecular Weight	337.27

Appearance	White crystal powder
Appearance of Solution	Pass
Heavy Metals	< 10 ppm
Arsenic (As₂O₂)	< 1 ppm
Anion	Sulphate: < 300 ppm Limit of Nitrate: Conform
Cation	Lead (Pb): < 2 ppm Cadmium (Cd): < 0.3 ppm Mercury (Hg): < 0.1%
pH	2.9
Yeast and Mold	< 100 cfu/g
Infrared Spectrum	Conforms to structure
Residual Solvents	Meets the requirements
Coliform Organisms	Negative
E. Coli	Negative
Salmonella	Negative
Staphylococcus Aureus	Negative
Related Substances	Meets the requirements
Residue On Ignition	0.1%
Assay	99.0%
Grade	USP
Storage	Store at RT

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Additional Information

Identification: Meets the requirements
Total plate count: < 1000 cfu/g
Absorbance of solution: 0.022

Remarks

See material safety data sheet for additional information
For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager