



# American International Chemical, Inc.

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## SPECIFICATION SHEET

### THIAMINE HYDROCHLORIDE USP (Vitamin B1 HCl USP)

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
THUAUP	1439	67-03-8	November 15, 2010	LR	No. 2	TJK

<b>CHARACTERISTICS:</b>	White to off-white, bitter tasting crystal powder.
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<b>SPECIFICATIONS:</b>	Assay	98.5-101.0%
	Identification	
	A	To pass test
	B	To pass test
	pH (1 in 100)	2.7-3.3
	Water	5.0% max
	Residue on ignition	0.1% max
	Absorbance of solution	0.025 max
	Limit of nitrate	To pass test
	Sulphates	300 ppm max
	Residual solvents	Meets requirements
	Related substances	To pass test
	Heavy Metals	20 ppm max
	Microbiology	
	Staphylococcus aureus	Not detected
	Salmonella	Not detected
	Escherichia coli	Not detected
Yeast and mold	100 cfu/g max	
Total plate count	1,000 cfu/g max	

<b>STOCKING POINTS:</b>	Ontario, CA
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<b>PACKAGING:</b>	25 kg carton
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<b>APPLICATIONS:</b>	Nutritional vitamin and food supplements. Enzyme co-factor vitamin.
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<b>SHELF LIFE AND SPECIAL STORAGE INSTRUCTIONS:</b>	Thiamine HCl has a 3 year shelf life when stored under proper conditions.
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<b>OTHER:</b>	Product is KOF-K kosher and meets USP when tested accordingly.
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