



American International Chemical, Inc.

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SPECIFICATION SHEET

THIAMINE MONONITRATE USP (Vitamin B1 Mononitrate USP)

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
TMUAUP	1439	532-43-4	November 17, 2010	LR	No. 1	MPR

CHARACTERISTICS:	White to off-white crystalline powder.
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SPECIFICATIONS:	Assay	98.0-102.0%
	Identification (A, B, C, D)	To pass test
	Chromatographic purity	To pass test
	pH (1 in 50)	6.0-7.5
	Appearance of solution	To pass test
	Residue on ignition	0.2% max
	Loss on drying	1.0% max
	Chloride	0.06% max
	Residual solvents	To pass test
	Related substances	To pass test
	Heavy Metals	20 ppm max
	Microbiology	
	Staphylococcus aureus	Not detected
	Salmonella	Not detected
	Coliforms	10 mpn/g max
	Esterichia Coli	10 mpn/g max
Yeast and Mold	100 cfu/g max	
Total plate count	1000 cfu/g max	

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