



American International Chemical, Inc.

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SPECIFICATION SHEET

INOSITOL NF/FCC

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
INOFUP	3550	87-898	June 2, 2011	LR	No. 1	RVK

CHARACTERISTICS:	Fine white crystals or white crystalline powder. It is odorless, has a sweet taste, and is stable in air. Its solution is neutral to litmus and is optically inactive. One gram is soluble in 6 ml of water. It is slightly soluble in alcohol, and insoluble in ether and chloroform.
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SPECIFICATIONS:	Identification (A, B, C, D)	To pass test
	Assay	97.0% min
	Melting range	From 224.0°C to 227.0°C
	Loss on drying	0.5% max
	Residue on ignition	0.1% max
	Chloride	0.005% max
	Sulfate	0.006% max
	Calcium	To pass test
	Heavy metals (as Pb)	0.0025% max
	Iron	0.0005% max
	Lead	0.0004% max
	Microbiology	
	Total plate count	1,000 cfu/g max
	Yeast and mold	100 cfu/g max
	Esterichia coli	Not detected
	Salmonella	Not detected in 25g
	Coliforms	Not detected
Colon bacillus	Not detected	

STOCKING POINTS:	Ontario, CA
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PACKAGING:	25 kg drum
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APPLICATIONS:	Food fortification, nutritional supplements
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SHELF LIFE AND SPECIAL STORAGE INSTRUCTIONS:	Inositol has a 4 year shelf life from the date of manufacturing, provided it is stored under proper conditions.
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OTHER:	Product is Kosher: Beth Din, London, and meets current National Formulary (NF) and Food Chemical Codex (FCC) when tested accordingly.
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