



American International Chemical, Inc.

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SPECIFICATION SHEET

LITHIUM OROTATE MONOHYDRATE 3.86%

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved
LOMAUP	1450	5266-20-6	June 30, 2009	SDM	No. 1	CDS

CHARACTERISTICS:	White to off white powder. Contains 9.5 to 10.5% crystalline water.
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MOLECULAR FORMULA:	$C_5H_3N_2O_4Li \cdot H_2O$
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MOLECULAR WEIGHT:	180.05
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SPECIFICATIONS:	Assay (Lithium content)	3.66-4.05%
	Water content	9.5-10.5
	Cadmium	Less than 5 ppm
	Arsenic	Less than 3 ppm
	Lead	Less than 10 ppm
	Mercury (Hg)	Less than 1 ppm
	Total plate count	Less than 3,000/g
	Salmonella	Negative/25 g
	Escherichia coli	Negative/g
	Yeast and mold	Less than or equal to 300 cfu/g

STOCKING POINTS:	Not currently stocked. 4-5 week lead time.
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PACKAGING:	20 kg carton; 27 cartons per pallet
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APPLICATIONS:	Nutritional food supplements
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