



American International Chemical, Inc.

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SPECIFICATION SHEET

L-CYSTEINE HCL MONOHYDRATE FCC

Code No.	SCN No.	CAS No.	Effective Date	Written	Rev. No.	Approved
LCYNCG	3280	7048-04-6	September 9, 2005	MPR	No. 2	TJK

CHARACTERISTICS:	White free flowing crystal that is soluble in water and alcohol.
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SPECIFICATIONS:	Identification	
	A	To pass test
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	Assay	98.0-101.5%
	Heavy metals	20 ppm max.
	Lead	5 mg/kg max.
	Arsenic	3 ppm max.
	Loss on drying	8-12%
	Residue on ignition	0.1% max.
	Specific rotation $[\alpha]_D^{20}$	Between + 5.0° and + 8.0°
	Particle size	
	Between 20 and 40 mesh	99% min.

PACKAGING:	20 kg PE lined, open head fiber drums
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APPLICATIONS:	<ul style="list-style-type: none">- Dough conditioner- Enhance flavor and nutritional value of food products
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