

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	01444
Product	L-Cystine dihydrochloride
Lot Number	000985-031408256
	(H-L-Cys-OH) ₂ •2HCl
CAS Number	30925-07-6
Molecular Formula	C ₆ H ₁₂ N ₂ O ₄ S ₂ •2HCl
Molecular Weight	313.2

Appearance	White to slightly yellow crystalline powder
Solubility	Clear and complete in 20 minutes (70 mg/L of deionized water)
Heavy Metals	< 20 ppm
Anion	Chloride (Cl ⁻): 22.8%
Optical Rotation	-218.5° (C=2 in 1N HCl, 25 °C)
Infrared Spectrum	Conforms to structure
Loss on Drying	0.0% (over silica gel for 3 hours)
Endotoxin Test	< 0.10 EU/mL
Residue On Ignition	< 0.1%
Assay (anhydrous basis)	100.5%
Storage	Store at RT
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager