

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	00087
Lot Number	001192-140410
Product	L-Cysteine hydrochloride anhydrous L-Cys-OH•HCl
CAS Number	52-89-1
Molecular Formula	C ₃ H ₇ NO ₂ S•HCl
Molecular Weight	157.63

Appearance	White crystalline powder
Heavy Metals	< 10 ppm (by Pb)
Arsenic (As₂O₂)	< 1 ppm
pH	1.70
Optical Rotation	[α] _D ²⁰ = 6.33 °
Transmission	99.3% Transmittance
Loss on Drying	0.50%
Other Amino Acids	Chromatographically not detectable
Residue On Ignition	0.04%
Assay by titration	99.8%
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