

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	24758
Lot Number	001192-160106
Product	L-Cysteine from non-animal source
CAS Number	52-90-4
Molecular Formula	C ₃ H ₇ NO ₂ S
Molecular Weight	121.16

Appearance	White crystalline powder
Appearance of Solution	Clear colorless liquid
Heavy Metals	< 10 ppm
Anion	Chloride (Cl ⁻): < 0.2% Sulfate (SO ₄ ²⁻): < 0.03%
Cation	Ammonium (NH ₄ ⁺): < 0.020% Arsenic (As ₂ O ₃): < 1 ppm Iron (Fe): < 10 ppm
Optical Rotation	[α] _D = +9.0°
Infrared Spectrum	Conforms to standard
Loss on Drying	0.08%
Residue On Ignition	0.04%
Assay	99.6%
Storage	Store at RT
Additional Information	Ninhydrin positive substances: Not detectable

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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