

Chem-Impex International, Inc.

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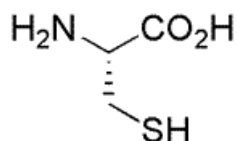
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	24758
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
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 ²⁰ = 7.0 - 9.5 °
Loss on Drying	≤ 0.5%
Residue On Ignition	≤ 0.1%
Assay	≥ 98%
Storage	Store at RT

For Laboratory Use Only