

Chem-Impex International, Inc.

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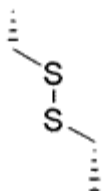
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	00088
Product	L-Cystine (H-L-Cys-OH) ₂ (-)-3,3'-Dithiobis(2-aminopropionic acid)
CAS Number	56-89-3
Molecular Formula	C ₆ H ₁₂ N ₂ O ₄ S ₂
Molecular Weight	240.3

Appearance	White crystals or crystalline powder
Heavy Metals	≤ 20 ppm
Anion	Chloride (Cl ⁻): ≤ 0.020% Sulfate (SO ₄ ²⁻): ≤ 0.020%
Optical Rotation	[α] _D ²⁰ = -215 to -225 °
Loss on Drying	≤ 0.2%
Other Amino Acids	Chromatographically not detectable
Residue On Ignition	≤ 0.1% (sulfated)
Assay	≥ 98%
Storage	Store at RT

For Laboratory Use Only