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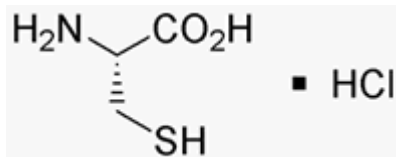
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number 00087

Product **L-Cysteine hydrochloride anhydrous**

L-Cys-OH•HCl

(R)-2-Amino-3-mercaptopropionic acid hydrochloride

CAS Number 52-89-1

Molecular Formula C₃H₇NO₂S•HCl

Molecular Weight 157.63

Appearance White crystalline powder

Heavy Metals ≤ 10 ppm (by Pb)

Arsenic (As₂O₂) ≤ 1 ppm

pH 1.5-2.0

Optical Rotation [α]_D²⁰ = +5.6 to +8.9°

Transmission ≥ 98.0% Transmittance

Loss on Drying ≤ 1.0%

Other Amino Acids Chromatographically not detectable

Residue On Ignition ≤ 0.10%

Assay by titration 98.0-102.0%

Storage Store at RT

For Laboratory Use Only