

Certificate of Analysis

Date of Testing: 2024-10-18 15:11:40
Date of Next Testing: 2025-10-18 15:11:40
Product Name: **L-Cysteine**
CAS Number: 52-90-4
Specifications & Purity: Moligand™, ≥99%
Lot #: D2115213
SKU #: **C108237**
Version: **0**
Analysis #: **422950**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=8 in 1mol/L HCl)	8.3-9.2 (°)	8.56 °
Enantiometric Excess	96-100 (%)	96.00 %
Purity(Iodometric Titration)	98.5-101.5 (%)	98.50 %
Appearance (C108237)	white crystal or crystal powder	white crystal or crystal powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1 N HCl, c = 5%	Clear Colorless	Clear Colorless



John Su
QA & QC Manager