

Certificate of Analysis

Date of Testing: 2024-12-30 15:44:01

Date of Next Testing: 2025-12-30 15:44:01

Product Name: **L-Cysteine**

CAS Number: 52-90-4

Specifications & Purity: Moligand™, ≥99%

Lot #: L2420656

SKU #: **C108237**

Version: **0**

Analysis #: **449074**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=8 in 1mol/L HCl)	8.3-9.2 (°)	9.10 °
Enantiometric Excess	96-100 (%)	96.20 %
Purity(Iodometric Titration)	98.5-101.5 (%)	99.20 %
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