

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-16 13:48:25
 Date of Next Testing: 2026-09-16 13:48:25
 Product Name: **L-Cysteine**
 CAS Number: 52-90-4
 Specifications & Purity: Moligand™, ≥99%
 Lot #: I2512235
 SKU #: **C108237**
 Version: **0**
 Analysis #: **532913**
 Storage Temperature: Protected from light, Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Specific Rotation [α] _{20/D} (c=8 in 1mol/L HCl)	8.3-9.2 (°)	8.60000 °
Enantiometric Excess	96-100 (%)	97.00000 %
Purity(Iodometric Titration)	98.5-101.5 (%)	99.30000 %
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