

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-16 15:21:48
 Date of Next Testing: 2030-04-15 15:21:48
 Product Name: **L-Cysteine hydrochloride**
 CAS Number: 52-89-1
 Specifications & Purity: $\geq 98\%$
 Lot #: D2610531
 SKU #: **C113143**
 Version: **1**
 Analysis #: **670690**
 Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Loss on drying	0-2 (%)	0.88078 %
Specific Rotation($c=8$ in 1 M HCl at 20 deg C)	5.6-8.9 (°)	6.29700 °
Purity(HPLC)	98-100 (%)	100.00000 %
Appearance (C113143)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Solubility in H ₂ O , Colorless ,Clear ,50 mg/mL in pass H ₂ O		Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager