

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-05 11:20:49

Date of Next Testing: 2029-02-04 11:20:49

Product Name: **L-Cysteine hydrochloride**

CAS Number: 52-89-1

Specifications & Purity: $\geq 98\%$

Lot #: A2517220

SKU #: **C113143**

Version: **1**

Analysis #: **455564**

Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.99500 %
Specific Rotation(c=8 in 1 M HCl at 20 deg C)	5.6-8.9 (°)	6.70000 °
Loss on drying	0-1 (%)	0.75631 %
Appearance (C113143)	White to Off-White Powder	White to Off-White Powder
Solubility in H ₂ O , Colorless ,Clear ,50 mg/mL in H ₂ O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager