

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-09 09:06:43

Date of Next Testing: 2029-01-08 09:06:43

Product Name: **L-Cysteine hydrochloride**

CAS Number: 52-89-1

Specifications & Purity: $\geq 98\%$

Lot #: A2503847

SKU #: **C113143**

Version: **1**

Analysis #: **474030**

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

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.98100 %
Loss on drying	0-1 (%)	0.41000 %
Specific Rotation($c=8$ in 1 M HCl at 20 deg C)	5.6-8.9 (°)	5.71300 °
Appearance (C113143)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless ,Clear ,50 mg/mL in H ₂ O	pass	Pass



John Su
QA & QC Manager