

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-18 15:18:30

Date of Next Testing: 2026-09-17 15:18:30

Product Name: **L-Cysteine S-sulfate**

CAS Number: 1637-71-4

Specifications &amp; Purity: 98%

Lot #: I2312411

SKU # **L465016****Analysis: 267345**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity (Titration by NaOH)	98-102.5 (%)	98.92 %
Specific Rotation [α] <sub>20</sub> /D(c=1 in H <sub>2</sub> O)	-67~-63 (°)	-64.10°
NMR Spectrum 1H	Conforms to structure	Conforms to Structure
Appearance(L465016)	White to off white powder	White to Off White Powder
Solubility(0.1 gram in 2ml H <sub>2</sub> O clear solution)	Pass	Pass

John Su  
QA & QC Manager