

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-15 13:29:58
Date of Next Testing: 2029-09-14 13:29:58
Product Name: **L-Cysteine ethyl ester hydrochloride**
CAS Number: 868-59-7
Specifications & Purity: $\geq 98\%$
Lot #: K2125934
SKU #: **C100827**
Version: **0**
Analysis #: **570874**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=8 \text{ in } 1\text{mol/L HCl})$	-13--11 (°)	-12.70000 °
Purity(Iodometric Titration)	97.5-102.5 (%)	98.35000 %
Purity(HPLC)	98-100 (%)	98.02000 %
Appearance (C100827)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager