

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-04-12 16:28:49
Date of Next Testing: 2026-04-11 16:28:49
Product Name: **L-Cysteine ethyl ester hydrochloride**
CAS Number: 868-59-7
Specifications & Purity: 98%
Lot #: E1831037
SKU #: **C100827**
Analysis: 086544
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=8 in 1mol/L HCl)	-13--11 (°)	-12.00 °
Purity(Iodometric Titration)	97.5-102.5 (%)	97.90%
Purity(HPLC)	98-100 (%)	99.10000%
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