

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2025-04-14 11:11:30
Date of Next Testing:	2029-04-13 11:11:30
Product Name:	L-Cysteine methyl ester hydrochloride
CAS Number:	18598-63-5
Specifications & Purity:	≥98%
Lot #:	D2509044
SKU #	C105474
Version	0
Analysis #:	218690
Storage Temperature:	Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	27.2-28.7 (%)	27.99%
Nitrogen by Elemental Analysis	7.9-8.4 (%)	8.14%
Specific Rotation [α] ₂₀ /D(c=20 in MeOH)	-3.5--1.5 (°)	-2.87°
Purity(Iodometric Titration)	98-102.5 (%)	98.74%
Appearance (C105474)	White Powder or Crystals	White Powder or Crystals
Solubility in H ₂ O , Colorless Clear c = 50mg/ml(5%)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager