

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-02-22 08:53:28
Date of Next Testing: 2026-02-21 08:53:28
Product Name: **L-cystinedihydrochloride**
CAS Number: 30925-07-6
Specifications & Purity: $\geq 98\%$
Lot #: D2219115
SKU #: **L133106**
Analysis: **322143**

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1$ in 1mol/L HCl)	-173--163 ($^{\circ}$)	-168.50 $^{\circ}$
Purity(Titration by AgNO ₃)	97.5-102.5 (%)	99.84 %
Appearance (L133106)	White to Off-white to Pale Cream or Pale Yellow Crystalline Powder or Powder or Crystalline	White to Off-white to Pale Cream or Pale Yellow Crystalline Powder or Powder or Crystalline
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager