

Certificate of Analysis

Date of Testing: 2023-08-09 16:35:31
Date of Next Testing: 2025-08-08 16:35:31
Product Name: **L-cystinedihydrochloride**
CAS Number: 30925-07-6
Specifications & Purity: $\geq 98\%$
Lot #: H2304709
SKU #: **L133106**
Analysis: **228843**

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	97.5-102.5 (%)	100.04 %
Specific Rotation[α] _{20/D} (c=1 in 1mol/L HCl)	-173--163 (°)	-172.90 °
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