

Certificate of Analysis

Date of Testing: 2023-08-01 09:47:16
Date of Next Testing: 2025-07-31 09:47:16
Product Name: **L-cystinedihydrochloride**
CAS Number: 30925-07-6
Specifications & Purity: $\geq 98\%$
Lot #: J2129079
SKU #: **L133106**
Analysis: **257855**

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1$ in 1mol/L HCl)	-173--163 (°)	-169.30 °
Purity(Titration by AgNO ₃)	97.5-102.5 (%)	97.51 %
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