

Certificate of Analysis

Date of Testing: 2022-04-21 17:38:55
Date of Next Testing: 2024-04-20 17:38:55
Product Name: **L-cystinedihydrochloride**
CAS Number: 30925-07-6
Specifications & Purity: $\geq 98\%$
Lot #: D2219110
SKU #: **L133106**
Analysis: **082930**

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in } 1\text{mol/L HCl})}$	-173--163 ($^{\circ}$)	-171.06 $^{\circ}$
Purity(Titration by AgNO ₃)	97.5-102.5 (%)	100.94 %
Appearance (L133106)	white to off-white crystalline powder	white to off-white crystalline powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager