

Certificate of Analysis

Date of Testing: 2023-04-21 11:43:10
Date of Next Testing: 2026-04-20 11:43:10
Product Name: **L-Cystine dihydrochloride**
CAS Number: 30925-07-6
Specifications & Purity: from non-animal source, ≥98.0% dry basis
Lot #: D2311656
SKU #: **L476402**
Analysis: **191623**

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	97.5-102.5 (%)	99.97%
Specific Rotation [α] ₂₀ /D(c=1 in 1mol/L HCl)	-173~-163 (°)	-172.85 °
Loss on drying	0-0.3 (%)	0.00%
Heavy metals	0-10 (ppm)	0.00 ppm
Appearance(L476402)	White to Off-White Crystalline Powder	white to off-white crystalline powder
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager