

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-02-28 14:54:42
Date of Next Testing: 2027-02-27 14:54:42
Product Name: **L-Cystine bis(ethyl ester) dihydrochloride**
CAS Number: 22735-07-5
Specifications & Purity: 97%
Lot #: B2427523
SKU #: **L355051**
Analysis: **319854**
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	99.65 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	-49~-43 (°)	-48.34 °
Purity(Titration by AgNO ₃)	96.5-103.5 (%)	103.36 %
Appearance(L355051)	White to Off-white solid	White to off-white solid
LC-MS for identification	Conforms	Conforms
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager