

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-20 16:30:21

Date of Next Testing: 2029-08-19 16:30:21

Product Name: **L-Cystine dimethyl ester dihydrochloride**

CAS Number: 32854-09-4

Specifications & Purity: $\geq 97\%$

Lot #: K2105176

SKU #: **C117941**

Version: **0**

Analysis #: **556805**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	97.80000 %
Specific Rotation $[\alpha]_{20/D(c=4 \text{ in MeOH})}$	-37--35 (°)	-36.40000 °
Appearance (C117941)	white to beige powder or crystals	white to beige powder or crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager