

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 #: K2105175
SKU #: **C117941**
Version: **0**
Analysis #: **556805**
Storage 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 ($^{\circ}$)	-36.40 $^{\circ}$
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