

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-12 15:43:38

Date of Next Testing: 2027-11-12 15:43:38

Product Name: **Seleno-L-cystine**

CAS Number: 29621-88-3

Specifications & Purity: $\geq 95\%$

Lot #: K2407617

SKU #: **S169355**

Version: **8**

Analysis #: **426821**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	99.01400 %
Water by Karl Fischer	0-2 (%)	0.22860 %
Carbon by Elemental Analysis	20.3-22.7 (%)	21.70600 %
Nitrogen by Elemental Analysis	7.9-8.8 (%)	8.42100 %
specific rotation [α] _{20/D} (c=1%,1N NaOH)	31 ~ -25 (°)	-28.60900 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(S169355)	White to Yellow to Brown to Orange Powder to Crystals	White to Yellow to Brown to Orange Powder to Crystals



John Su
QA & QC Manager