

Certificate of Analysis

Date of Testing: 2024-11-12 15:40:12

Date of Next Testing: 2027-11-12 15:40:12

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

CAS Number: 29621-88-3

Specifications & Purity: $\geq 95\%$

Lot #: K2407613

SKU #: **S169355**

Version: **7**

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 (%)	0.23 %
Carbon by Elemental Analysis	20.3-22.7 (%)	21.71 %
Nitrogen by Elemental Analysis	7.9-8.8 (%)	8.42 %
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



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QA & QC Manager