

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-04-23 15:04:07

Date of Next Testing: 2028-04-22 15:04:07

Product Name: **L-Selenomethionine**

CAS Number: 3211-76-5

Specifications & Purity: $\geq 97\%$ (HPLC)

Lot #: D2416464

SKU #: **S130045**

Version: **0**

Analysis #: **327591**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ in } 2\text{mol/L HCl})$	15-20 (°)	18.20000 °
Purity(HPLC)	97-100 (%)	99.70000 %
Loss on drying	0-1 (%)	0.55000 %
Selenium(Se)	39-41 (%)	39.52000 %
Nitrogen by Elemental Analysis	6.6-7.6 (%)	7.14250 %
Purity(Nonaqueous Titration)	96.5-103.5 (%)	100.25000 %
Carbon by Elemental Analysis	29.5-31.5 (%)	30.61200 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless to faint yellow, clear(50 mg/mL, H ₂ O)	pass	Pass
Appearance (S130045)	White to Off-White Powder	White to Off-White Powder



John Su
QA & QC Manager