

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-28 15:29:46
 Date of Next Testing: 2026-11-27 15:29:46
 Product Name: **L-Selenomethionine**
 CAS Number: 3211-76-5
 Specifications & Purity: $\geq 97\%$ (HPLC)
 Lot #: K2224909
 SKU #: **S130045**
 Version: **0**
 Analysis #: **135681**
 Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Loss on drying	0-1 (%)	0.35 %
Selenium(Se)	39-41 (%)	40.31 %
Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ in } 2\text{mol/L HCl})$	15-20 ($^{\circ}$)	18.64 $^{\circ}$
Nitrogen by Elemental Analysis	6.6-7.6 (%)	6.93 %
Purity(HPLC)	97-100 (%)	97.85600 %
Purity(Nonaqueous Titration)	96.5-103.5 (%)	101.35 %
Carbon by Elemental Analysis	29.5-31.5 (%)	29.86 %
Appearance (S130045)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless to faint yellow, clear (50 mg/mL, H ₂ O)	pass	Pass



John Su
QA & QC Manager