

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-21 11:02:29

Date of Next Testing: 2027-10-21 11:02:29

Product Name: **DL-O-Methylserine**

CAS Number: 19794-53-7

Specifications & Purity: $\geq 98\%$ (T)

Lot #: F2011029

SKU #: **S135785**

Version: **0**

Analysis #: **590667**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.02380 %
Purity(Nonaqueous Titration)	97.5-102.5 (%)	98.15300 %
Nitrogen by Elemental Analysis	11.4-12.1 (%)	11.78000 %
Carbon by Elemental Analysis	39.3-41.3 (%)	40.62800 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in } 1 \text{ M NaOH})$	-0.1-0.1 (°)	-0.10000 °
Appearance (S135785)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Faint Yellow Clear ,50 mg/mL, H ₂ O	pass	Pass



John Su
QA & QC Manager