

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-27 16:24:35
 Date of Next Testing: 2030-01-26 16:24:35
 Product Name: **L-Serine**
 CAS Number: 56-45-1
 Specifications & Purity: Moligand™, ≥99%
 Lot #: A2616647
 SKU #: **S103483**
 Version: **2**
 Analysis #: **651996**
 Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Carbon by Elemental Analysis	33.6-35 (%)	34.50000 %
Nitrogen by Elemental Analysis	13-13.6 (%)	13.20000 %
Purity(HPLC)	99-100 (%)	99.50000 %
Specific rotation(20°C, C = 10 in 2 M HCl, EP)	14.4-15.5 (°)	15.47800 °
Appearance (S103483)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O , Colorless and clear, 50 mg/mL	pass	Pass



John Su
QA & QC Manager