

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-16 17:06:36

Date of Next Testing: 2026-05-15 17:06:36

Product Name: (S)-(+)-Serine

CAS Number: 56-45-1

Specifications & Purity: Moligand™, for synthesis

Lot #: E2315015

SKU #: S432938

Version: 1

Analysis #: 224359

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	99-102.5 (%)	100.00000 %
Specific Rotation [α] ₂₀ /D(c=10 in 2mol/L HCl)	14.4-15.5 (°)	14.71000 °
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager