

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-04-02 11:33:54

Date of Next Testing: 2027-04-02 11:33:54

Product Name: **L-Serine-¹⁵N**

CAS Number: 59935-32-9

Specifications & Purity: ≥ 98 atom% ¹⁵N, $\geq 98\%$

Lot #: C2429855

SKU #: **L471900**

Version **1**

Analysis #: **326929**

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	98.60000 %
Isotopic purity(¹⁵ N)	≥ 98 (atom%)	98.60000 atom%
Specific Rotation [α] _{20/D} (c=2 in 1 M HCl)	12.6-16.6 (°)	13.71000 °
NMR Spectrum ¹ H	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager