

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-14 14:39:02
 Date of Next Testing: 2026-10-14 14:39:02
 Product Name: **N-Boc-L-serine β -lactone**
 CAS Number: 98541-64-1
 Specifications & Purity: $\geq 97\%$
 Lot #: F1701101
 SKU #: **N139510**
 Version: **0**
 Analysis #: **419566**
 Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.40000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in } \text{CH}_3\text{CN})$	-31--21 ($^{\circ}$)	-22.40000 $^{\circ}$
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager