

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-14 13:47:23
 Date of Next Testing: 2025-08-13 13:47:23
 Product Name: **N-Boc-L-serine β -lactone**
 CAS Number: 98541-64-1
 Specifications & Purity: $\geq 97\%$
 Lot #: H2308177
 SKU #: **N139510**
 Version: **0**
 Analysis #: **250608**
 Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in } \text{CH}_3\text{CN})$	$-31--21^{\circ}$	-30.20000°
Purity(HPLC)	97-100 (%)	97.67300 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager