

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-01 11:31:26
 Date of Next Testing: 2027-05-31 11:31:26
 Product Name: **Boc-O-tert-butyl-L-serine**
 CAS Number: 13734-38-8
 Specifications & Purity: $\geq 98\%$
 Lot #: E2325228
 SKU #: **B116728**
 Version: **0**
 Analysis #: **083397**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=3 \text{ in DMF})$	6-10 ($^{\circ}$)	7.09600 $^{\circ}$
Purity(HPLC)	98-100 (%)	99.98900 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (B116728)	Colorless to white to light yellowish oil or solid	Colorless to white to light yellowish oil or solid



John Su
QA & QC Manager