

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-28 16:02:23
 Date of Next Testing: 2028-11-27 16:02:23
 Product Name: **N-(tert-Butoxycarbonyl)-L-serine**
 CAS Number: 3262-72-4
 Specifications & Purity: ≥98%, up to 10% water
 Lot #: K2427374
 SKU #: **B406518**
 Version: **1**
 Analysis #: **375081**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
specific rotation $[\alpha]_{20/D(c=2 \text{ in acetic acid})}$	-4.5--2.5 (°)	-4.25000 °
Purity(Neutralization titration) (anhydrous)	98-100 (%)	100.00000 %
Water by Karl Fischer	0-12 (%)	11.00000 %
Appearance (B406518)	White powder or crystalline powder	White Powder or Crystalline Powder
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager