

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-02-01 09:48:43
 Date of Next Testing: 2028-01-31 09:48:43
 Product Name: **N-(tert-Butoxycarbonyl)-L-serine**
 CAS Number: 3262-72-4
 Specifications & Purity: $\geq 98\%$, up to 10% water
 Lot #: A2415100
 SKU #: **B406518**
 Version: **1**
 Analysis #: **131523**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-12 (%)	7.87150 %
specific rotation $[\alpha]_{20/D}(c=2 \text{ in acetic acid})$	-4.5~-2.5 (°)	-3.11300 °
Purity(Neutralization titration) (anhydrous)	98-100 (%)	99.38000 %
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