

Certificate of Analysis

Date of Testing: 2025-02-21 10:56:17
Date of Next Testing: 2029-02-20 10:56:17
Product Name: **N-(tert-Butoxycarbonyl)-L-serine**
CAS Number: 3262-72-4
Specifications & Purity: $\geq 98\%$, up to 10% water
Lot #: B2518191
SKU #: **B406518**
Version: **1**
Analysis #: **375088**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(Neutralization titration) (anhydrous)	98-100 (%)	100.00 %
Water by Karl Fischer	0-12 (%)	11.00 %
specific rotation $[\alpha]_{20/D}(c=2$ in acetic acid)	-4.5--2.5 (°)	-4.25000 °
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