

Certificate of Analysis

Date of Testing: 2024-02-01 09:56:13

Date of Next Testing: 2028-01-31 09:56:13

Product Name: **N-(tert-Butoxycarbonyl)-L-serine**

CAS Number: 3262-72-4

Specifications & Purity: 98%, up to 10% water

Lot #: A2415098

SKU #: **B406518**

Analysis: **131523**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-12 (%)	7.87 %
specific rotation $[\alpha]_{20/D(c=2 \text{ in acetic acid})}$	-4.5~-2.5 (°)	-3.11300 °
Purity(Neutralization titration) (anhydrous)	98-100 (%)	99.38 %
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