

Certificate of Analysis

Date of Testing: 2023-03-15 14:25:38
Date of Next Testing: 2025-03-14 14:25:38
Product Name: **O-Benzyl-N-(tert-butoxycarbonyl)-D-serine**
CAS Number: 47173-80-8
Specifications & Purity: $\geq 98.0\%$ (HPLC)
Lot #: H1518106
SKU #: **I134171**
Analysis: **199482**

Parameter	Limit Values	Result
Melting point	58-62 (°C)	60.20000 °C
Purity(HPLC)	98-100 (%)	98.30000 %
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in EtOH}(80\%))}$	-21--18 (°)	-20.10°
Appearance (I134171)	White to Off-White Powder or Solid	White to Off-White Powder or Solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH	almost transparency	almost transparency



John Su
QA & QC Manager