

Certificate of Analysis

Date of Testing: 2023-10-23 10:10:10
Date of Next Testing: 2025-10-22 10:10:10
Product Name: **O-Benzyl-N-(tert-butoxycarbonyl)-D-serine**
CAS Number: 47173-80-8
Specifications & Purity: $\geq 98.0\%$ (HPLC)
Lot #: L2129309
SKU #: **I134171**
Analysis: **288179**

Parameter	Limit Values	Result
Melting point	58-62 (°C)	60.35000 °C
Purity(HPLC)	98-100 (%)	98.11500 %
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in EtOH}(80\%))}$	-21--18 (°)	-20.60°
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