

Certificate of Analysis

Date of Testing: 2025-09-15 15:12:59
Date of Next Testing: 2029-09-14 15:12:59
Product Name: **N-BOC-O-Benzyl-L-serine**
CAS Number: 23680-31-1
Specifications & Purity: $\geq 98\%$
Lot #: K21251113
SKU #: **B116727**
Version: **0**
Analysis #: **570959**

Parameter	Limit Values	Result
Melting point	57-62 (°C)	57.40000 °C
Loss on drying	0-0.5 (%)	0.00 %
Purity(HPLC)	98-100 (%)	98.10000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in EtOH})$	21-23 (°)	22.60°
Appearance (B116727)	White powder	White powder
300 MHz NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility,50mg/ml EtOH	Clear colorless	Clear Colorless
Thin Layer Chromatography (TLC)	one spot	One spot



John Su
QA & QC Manager