

Certificate of Analysis

Date of Testing: 2023-02-06 09:32:18
Date of Next Testing: 2027-02-05 09:32:18
Product Name: **N-BOC-O-Benzyl-L-serine**
CAS Number: 23680-31-1
Specifications & Purity: 98%
Lot #: E2325192
SKU #: **B116727**
Analysis: **183051**

Parameter	Limit Values	Result
Melting point	57-62 (°C)	59.30000 °C
Loss on drying	0-0.5 (%)	0.33 %
Purity(HPLC)	98-100 (%)	98.12200 %
Specific Rotation [α] ₂₀ /D(c=1 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