

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-02-18 10:39:20
 Date of Next Testing: 2028-02-17 10:39:20
 Product Name: **N-Benzylloxycarbonyl-D-valine**
 CAS Number: 1685-33-2
 Specifications & Purity: $\geq 98\%$
 Lot #: F1606077
 SKU #: **C116900**
 Version: **0**
 Analysis #: **320460**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	58-63 (°C)	59.10000 °C
Purity(Neutralization titration)	97.5-102.5 (%)	98.10000 %
Purity(HPLC)	98-100 (%)	98.21200 %
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in AcOH})}$ 3-6 (°)		5.80000 °
Appearance (C116900)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager