

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-21 15:04:28

Date of Next Testing: 2028-11-20 15:04:28

Product Name: **N-Boc-L-Tert-Leucine**

CAS Number: 62965-35-9

Specifications & Purity: $\geq 98\%$

Lot #: K2414270

SKU #: **T115905**

Version: **1**

Analysis #: **383341**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Neutralization titration)	97.5-102.5 (%)	101.21000 %
Melting point	117-121 (°C)	119.00000 °C
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in AcOH})$	-6.2--2 (°)	-3.27000 °
Purity(HPLC)	98-100 (%)	98.55000 %
Appearance (T115905)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager