

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-11 13:24:19

Date of Next Testing: 2026-08-10 13:24:19

Product Name: **Boc-4-Amino-D-phenylalanine**

CAS Number: 164332-89-2

Specifications & Purity: $\geq 98\%$

Lot #: J1812054

SKU #: **B117063**

Version: **0**

Analysis #: **123916**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.23000 %
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in MeOH})}$	-27--23 (°)	-25.40000 °
Carbon by Elemental Analysis	58.6-60.2 (%)	59.20000 %
Purity(Nonaqueous Titration)	97.5-102.5 (%)	98.02600 %
Appearance (B117063)	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