

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-03 13:59:05

Date of Next Testing: 2028-09-02 13:59:05

Product Name: **BOC-L-Homophenylalanine**

CAS Number: 100564-78-1

Specifications & Purity: $\geq 98\%$

Lot #: A1328025

SKU #: **B117175**

Version: **0**

Analysis #: **406227**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in EtOH})$	5-7 ($^{\circ}$)	6.40000 $^{\circ}$
Purity(HPLC)	98-100 (%)	98.80000 %
Purity(Neutralization titration)	98-102 (%)	98.60000 %
Melting point	76-80 ($^{\circ}\text{C}$)	76.90000 $^{\circ}\text{C}$
Appearance (B117175)	white powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager