

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-29 16:20:29
Date of Next Testing: 2028-01-28 16:20:29
Product Name: **Boc-L-phenylalanine**
CAS Number: 13734-34-4
Specifications & Purity: $\geq 98\%$
Lot #: A2425092
SKU #: **B105463**
Version: **0**
Analysis #: **148562**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98.5-100 (%)	99.53600 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in EtOH})$	23-26 ($^{\circ}$)	25.53 $^{\circ}$
Melting point	85-90 ($^{\circ}\text{C}$)	89.33000 $^{\circ}\text{C}$
Appearance (B105463)	white powder	White powder
TLC Analysis	One spot	One spot
300 MHz NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager