

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-07 13:48:31  
Date of Next Testing: 2027-02-06 13:48:31  
Product Name: **Boc-L-phenylalanine**  
CAS Number: 13734-34-4  
Specifications & Purity:  $\geq 98\%$   
Lot #: B2302712  
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 (°)	25.53°
Melting point	85-90 (°C)	89.33000 °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