

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-11 18:06:10  
Date of Next Testing: 2027-12-11 18:06:10  
Product Name: **Boc-D-phenylalanine 4-nitrophenyl ester**  
CAS Number: 16159-70-9  
Specifications & Purity:  $\geq 98\%$   
Lot #: L2411027  
SKU #: **B181868**  
Version: **1**  
Analysis #: **433140**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(C=2$ in DMF)	17-23 (°)	22.21800°
Purity(HPLC)	98-100 (%)	98.47200%
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su  
QA & QC Manager