

Certificate of Analysis

Date of Testing: 2024-12-11 18:14:39
 Date of Next Testing: 2027-12-11 18:14:39
 Product Name: **Boc-D-phenylalanine 4-nitrophenyl ester**
 CAS Number: 16159-70-9
 Specifications & Purity: $\geq 98\%$
 Lot #: L2411031
 SKU #: **B181868**
 Version: **1**
 Analysis #: **433140**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(C=2 \text{ in DMF})$	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