

## Certificate of Analysis

Date of Testing: 2023-03-09 20:34:27  
Date of Next Testing: 2027-03-08 20:34:27  
Product Name: **Boc-L-Aspartic acid 4-methyl ester**  
CAS Number: 59768-74-0  
Specifications & Purity: 98%  
Lot #: C2307347  
SKU #: **B110962**  
Analysis: **169603**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.56800 %
Specific Rotation [α] <sub>20</sub> /D(c=2 in MeOH)	-5.5~-4.5 (°)	-5.49 °
Appearance (B110962)	white powder	White powder
Mass spectrum	Conforms to standard	Conforms to standard
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager