

## Certificate of Analysis

Date of Testing: 2024-04-29 15:24:03  
Date of Next Testing: 2028-04-28 15:24:03  
Product Name: **4-Fluoro-L-phenylalanine**  
CAS Number: 1132-68-9  
Specifications & Purity: >98.0%(HPLC)  
Lot #: D2418237  
SKU #: **F156775**  
Analysis: **335854**

Parameter	Limit Values	Result
Specific Rotation [α] <sub>20</sub> /D(c=1 in H <sub>2</sub> O)	-27--23 (°)	-23.29°
Purity(HPLC)	98-100 (%)	98.33000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (F156775)	White to Off-White Powder	White to Off-White Powder



John Su  
QA & QC Manager