

## Certificate of Analysis

Date of Testing: 2024-06-26 16:12:38  
Date of Next Testing: 2028-06-25 16:12:38  
Product Name: **4-Fluoro-L-phenylalanine**  
CAS Number: 1132-68-9  
Specifications & Purity: >98.0%(HPLC)  
Lot #: F2415044  
SKU #: **F156775**  
Version: **0**  
Analysis #: **376838**

Parameter	Limit Values	Result
Specific Rotation [a] <sub>D</sub> 20/D(c=1 in H <sub>2</sub> O)	-27--23 (°)	-25.85°
Purity(HPLC)	98-100 (%)	98.13600 %
Appearance (F156775)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager