

Certificate of Analysis

Date of Testing: 2023-04-03 16:36:20

Date of Next Testing: 2027-04-02 16:36:20

Product Name: **Pentafluoro-L-phenylalanine**

CAS Number: 34702-59-5

Specifications & Purity: 95%(HPLC)

Lot #: C23231014

SKU #: **P160678**

Analysis: **193083**

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	97.52 %
Specific rotation $[\alpha]_{20/D(c=0.2 \text{ in H}_2\text{O})}$	18-23 (°)	20.47 °
Appearance(P160678)	White to Light yellow powder or crystal	White to Light Yellow Powder or Crystals
NMR Spectrum ^1H	Conforms to Structure	Conforms to Structure
Fluorine NMR Spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager