

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-24 13:45:00

Date of Next Testing: 2026-10-14 13:45:00

Product Name: **Fmoc-4-Iodo-L-phenylalanine**

CAS Number: 82565-68-2

Specifications & Purity: $\geq 97\%$

Lot #: I1510033

SKU # **F106000**

Version **0**

Analysis #: **420815**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Loss on drying(90°C,2h)	0-1 (%)	0.32500 %
Water by Karl Fischer	0-3 (%)	0.94160 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$	-21.6--17.6 (°)	-18.99300 °
Melting point	162-189 (°C)	177.62000 °C
Purity(HPLC)	97-100 (%)	98.57200 %
Appearance (F106000)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager