

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-15 12:26:10

Date of Next Testing: 2024-06-04 12:26:10

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

CAS Number: 82565-68-2

Specifications & Purity: $\geq 97\%$

Lot #: F2208470

SKU #: **F106000**

Version: **0**

Analysis #: **100310**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Loss on drying(90°C,2h)	0-1 (%)	0.52110 %
Water by Karl Fischer	0-3 (%)	2.51100 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$	-21.6--17.6 (°)	-18.30000 °
Melting point	162-189 (°C)	165.20000 °C
Purity(HPLC)	97-100 (%)	98.23200 %
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