

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-12 16:40:18

Date of Next Testing: 2024-07-01 16:40:18

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

CAS Number: 82565-68-2

Specifications & Purity: $\geq 97\%$

Lot #: K1822123

SKU #: **F106000**

Version: **0**

Analysis #: **112028**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Loss on drying(90°C,2h)	0-1 (%)	0.43000 %
Water by Karl Fischer	0-3 (%)	1.33000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$	-21.6--17.6 (°)	-19.60000 °
Melting point	162-189 (°C)	164.30000 °C
Purity(HPLC)	97-100 (%)	97.66000 %
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