

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-25 17:21:41

Date of Next Testing: 2027-06-24 17:21:41

Product Name: **Fmoc-Val-OH**

CAS Number: 68858-20-8

Specifications & Purity: $\geq 98\%$

Lot #: F2316400

SKU #: **F100805**

Version: **0**

Analysis #: **169773**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	144-147 (°C)	145.92000 °C
Purity(HPLC)	98-100 (%)	99.79800 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$	-19--16 (°)	-16.59000 °
Appearance (F100805)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Solubility in MeOH , Very faint turbidity	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager