

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-13 13:15:14

Date of Next Testing: 2026-12-12 13:15:14

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

CAS Number: 84624-17-9

Specifications & Purity: $\geq 98\%$

Lot #: L2202091

SKU #: **F116805**Version: **1**Analysis #: **137880**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.70600 %
Melting point	144-148 (°C)	147.22000 °C
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$	15-19 (°)	17.26800 °
Appearance (F116805)	White powder	White powder
Proton NMR spectrum	Conforms to structure	Conforms to Structure

John Su
QA & QC Manager