

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-25 09:57:25

Date of Next Testing: 2025-07-14 09:57:25

Product Name: **Fmoc-Asp-OAll**

CAS Number: 144120-53-6

Specifications & Purity:  $\geq 97\%$

Lot #: G2313574

SKU #: **F116772**

Version: **1**

Analysis #: **204145**

Storage Temperature: Store at 2-8°C

| Parameter                                                     | Limit Values              | Result                    |
|---------------------------------------------------------------|---------------------------|---------------------------|
| Specific Rotation [a] <sub>D</sub> <sup>20</sup> (c=1 in DMF) | -26.5--22.5 (°)           | -23.01800 °               |
| Purity(HPLC)                                                  | 97-100 (%)                | 99.17900 %                |
| Appearance (f116772)                                          | White to Off-White Powder | White to Off-White Powder |
| LC-MS for identification                                      | Conforms                  | Conforms                  |
| Proton NMR spectrum                                           | Conforms to Structure     | Conforms to Structure     |



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QA & QC Manager