

## Certificate of Analysis

Date of Testing: 2022-06-05 14:05:50

Date of Next Testing: 2026-06-04 14:05:50

Product Name: **Boc-4-Fluoro-Phe-OH**

CAS Number: 41153-30-4

Specifications & Purity:  $\geq 99\%$

Lot #: E2231057

SKU #: **B117078**

Version **1**

Analysis #: **065271**

| Parameter                                                | Limit Values          | Result                |
|----------------------------------------------------------|-----------------------|-----------------------|
| Melting point                                            | 83-87 (°C)            | 84.18000 °C           |
| Specific rotation $[\alpha]_{20/D}(C=1, \text{Ethanol})$ | 17-23 (°)             | 22.26900 °            |
| Purity(HPLC)                                             | 99-100 (%)            | 99.23800 %            |
| Appearance (B117078)                                     | white powder          | White powder          |
| Proton NMR spectrum                                      | Conforms to structure | Conforms to Structure |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager