

## Certificate of Analysis

Date of Testing: 2024-09-10 09:56:09  
Date of Next Testing: 2028-09-09 09:56:09  
Product Name: **Fmoc-D-Pro-OH**  
CAS Number: 101555-62-8  
Specifications & Purity: 98%  
Lot #: A1316010  
SKU #: **F116791**  
Version: **2**  
Analysis #: **409203**  
Storage Temperature: Store at 2-8°C

| Parameter  | Limit Values              | Result                    |
|--|---------------------------|---------------------------|
| Specific Rotation [α] <sub>20</sub> /D(c=1 in DMF) | 30-34 (°)                 | 33.20°                    |
| Purity(HPLC area)                                  | 98-100 (%)                | 99.40%                    |
| Purity(Neutralization titration)                   | 97.5-102.5 (%)            | 97.90%                    |
| Appearance (F116791)                               | Colorless or White Powder | Colorless or White Powder |
| Infrared spectrum                                  | Conforms to Structure     | Conforms to Structure     |
| Proton NMR spectrum                                | Conforms to Structure     | Conforms to Structure     |



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