

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-24 17:28:22  
Date of Next Testing: 2025-07-13 17:28:22  
Product Name: **Fmoc chloride**  
CAS Number: 28920-43-6  
Specifications & Purity: 98%  
Lot #: G2311073  
SKU #: **F106533**  
**Analysis:** **125476**  
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                               | Limit Values  | Result  |
|---|---|---|
| Melting point                           | 61-65 (°C)  | 63.06000 °C   |
| Purity(Titration by AgNO <sub>3</sub> ) | 97.5-102.5 (%)                                      | 99.69%  |
| Purity(HPLC)                            | 98-100 (%)  | 98.51400 %  |
| Appearance (F106533)                    | White to Yellow to Orange Powder, Crystals or Chunk | White to Yellow to Orange Powder, Crystals or Chunk |
| Infrared spectrum                       | Conforms to Structure                               | Conforms to Structure                               |
| Proton NMR spectrum                     | Conforms to Structure                               | Conforms to Structure                               |



John Su  
QA & QC Manager