

## Certificate of Analysis

Date of Testing: 2024-12-14 14:19:17  
 Date of Next Testing: 2027-12-14 14:19:17  
 Product Name: (9-Fluorenylmethyl) chloroformate  
 CAS Number: 28920-43-6  
 Specifications & Purity: for synthesis  
 Lot #: L2409017  
 SKU #: F432547  
 Version: 1  
 Analysis #: 452757  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter           | Limit Values                                        | Result                                              |
|---------------------|-----------------------------------------------------|-----------------------------------------------------|
| Melting point       | 61-65 (°C)                                          | 64.38000 °C                                         |
| Purity(HPLC area)   | 98-100 (%)                                          | 99.75 %                                             |
| Appearance(F432547) | White to Yellow to Orange Powder, Crystals or Chunk | White to Yellow to Orange Powder, Crystals or Chunk |
| NMR Spectrum 1H     | Conforms to Structure                               | Conforms to Structure                               |



John Su  
QA & QC Manager