

Shanghai Aladdin Biochemical Technology Co., LTD  
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## Certificate of Analysis

Date of Testing: 2023-08-19 14:06:26  
Date of Next Testing: 2027-08-18 14:06:26  
Product Name: **3-Fluorophthalic acid**  
CAS Number: 1583-67-1  
Specifications & Purity:  $\geq 98\%$   
Lot #: H2315260  
SKU #: **F123910**  
Version: **1**  
Analysis #: **166283**  
Storage Temperature: Room temperature, Argon charged

| Parameter                        | Limit Values                                      | Result                                            |
|----------------------------------|---------------------------------------------------|---------------------------------------------------|
| Purity(GC)                       | 98-100 (%)                                        | 99.15600 %                                        |
| Purity(Neutralization titration) | 97.5-102.5 (%)                                    | 99.60000 %                                        |
| Melting point                    | 165-177 (°C)                                      | 174.61000 °C                                      |
| Appearance (F123910)             | white to off-white powder, crystals and/or chunks | white to off-white powder, crystals and/or chunks |
| NMR Spectrum 1H                  | Conforms to Structure                             | Conforms to Structure                             |

