

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-05 13:07:49  
 Date of Next Testing: 2029-11-04 13:07:49  
 Product Name: **3-Fluorophthalic anhydride**  
 CAS Number: 652-39-1  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: L2129327  
 SKU #: **F123562**  
 Version: **0**  
 Analysis #: **593582**  
 Storage Temperature: Argon charged

| Parameter                                                       | Limit Values                                   | Result                                         |
|-----------------------------------------------------------------|------------------------------------------------|------------------------------------------------|
| Purity(Morpholine Method)                                       | 97-100 (%)                                     | 98.98 %                                        |
| Purity(HPLC)                                                    | 98-100 (%)                                     | 98.76900 %                                     |
| Melting point                                                   | 160-163 (°C)                                   | 160.20000 °C                                   |
| Appearance (F123562)                                            | White to light brown powder,crystals or flakes | White to light brown powder,crystals or flakes |
| Infrared spectrum                                               | Conforms to Structure                          | Conforms to Structure                          |
| Solubility in 1N NaOH , Clear Colorless to Light Yellow,25mg/ml | pass                                           | Pass                                           |



John Su  
QA & QC Manager