

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-10-27 14:36:56  
 Date of Next Testing: 2026-10-26 14:36:56  
 Product Name: **4-Fluoroindole**  
 CAS Number: 387-43-9  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: J22111071  
 SKU #: **F111476**  
 Version: **0**  
 Analysis #: **117723**  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                                                             | Limit Values                           | Result                                 |
|---------------------------------------------------------------------------------------|----------------------------------------|----------------------------------------|
| Purity(GC)                                                                            | 98-100 (%)                             | 99.54400 %                             |
| Melting point                                                                         | 30-34 (°C)                             | 30.01000 °C                            |
| Appearance (F111476)                                                                  | White to Pink to Brown Liquid or Solid | White to Pink to Brown Liquid or Solid |
| Proton NMR spectrum                                                                   | Conforms to Structure                  | Conforms to Structure                  |
| Solubility in CHCL <sub>3</sub> , Colorless to Pink to Green to Brown, Clear. 50mg/ml | pass                                   | Pass                                   |



John Su  
QA & QC Manager