

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-11-10 14:23:54  
 Date of Next Testing: 2026-11-09 14:23:54  
 Product Name: **2,6-Difluorophenylacetonitrile**  
 CAS Number: 654-01-3  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: J2226367  
 SKU #: **D122862**  
 Version: **1**  
 Analysis #: **128862**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                          | Limit Values                                                     | Result                                                           |
|------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------|
| Density (20°C)                     | 1.242-1.246                                                      | 1.24400                                                          |
| Purity(GC)                         | 98-100 (%)                                                       | 99.77100 %                                                       |
| Refractive index n <sub>20/D</sub> | 1.479-1.483                                                      | 1.48130                                                          |
| Appearance (D122862)               | Colorless to Light yellow to Light orange to Yellow clear liquid | Colorless to Light yellow to Light orange to Yellow clear liquid |
| NMR Spectrum 1H                    | Conforms to Structure                                            | Conforms to Structure                                            |



John Su  
QA & QC Manager