

## Certificate of Analysis

Date of Testing: 2024-11-16 16:56:16  
Date of Next Testing: 2028-11-15 16:56:16  
Product Name: **2,4-Difluorophenylacetic acid**  
CAS Number: 81228-09-3  
Specifications & Purity:  $\geq 99\%$   
Lot #: K2415240  
SKU #: **D122860**  
Version: **0**  
Analysis #: **381886**

| Parameter            | Limit Values                       | Result                             |
|----------------------|------------------------------------|------------------------------------|
| Purity(HPLC)         | 99-100 (%)                         | 99.10000 %                         |
| Melting point        | 115-119 (°C)                       | 115.90000 °C                       |
| Appearance (D122860) | white to orange powder or crystals | white to orange powder or crystals |
| Proton NMR spectrum  | Conforms to Structure              | Conforms to Structure              |



John Su  
QA & QC Manager