

## Certificate of Analysis

Date of Testing: 2023-08-02 17:14:01  
Date of Next Testing: 2027-08-01 17:14:01  
Product Name: **Difluoroacetic Acid**  
CAS Number: 381-73-7  
Specifications & Purity: 98%  
Lot #: G2319359  
SKU #: **D102056**  
**Analysis:** **169705**  
Storage Temperature: Argon charged

| Parameter                           | Limit Values                      | Result                            |
|-------------------------------------|-----------------------------------|-----------------------------------|
| Density (20°C)                      | 1.519-1.526                       | 1.52                              |
| Refractive index n <sub>20</sub> /D | 1.341-1.346                       | 1.34                              |
| Purity(Neutralization titration)    | 98-100 (%)                        | 99.61%                            |
| Appearance (D102056)                | Colorless to Yellow to Tan Liquid | Colorless to Yellow to Tan Liquid |
| Proton NMR spectrum                 | Conforms to Structure             | Conforms to Structure             |



John Su  
QA & QC Manager