

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-04 15:18:44  
 Date of Next Testing: 2027-11-24 15:18:44  
 Product Name: **2,3-Difluoro-6-nitrophenol**  
 CAS Number: 82419-26-9  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: H1419099  
 SKU #: **D120833**  
 Version: **1**  
 Analysis #: **608453**  
 Storage Temperature: Room temperature

| Parameter                        | Limit Values              | Result                    |
|----------------------------------|---------------------------|---------------------------|
| Melting point                    | 61-65 (°C)                | 62.58200 °C               |
| Water by Karl Fischer            | 0-2.5 (%)                 | 0.52800 %                 |
| Purity(Neutralization titration) | 97.5-102.5 (%)            | 100.52800 %               |
| Purity(GC)                       | 98-100 (%)                | 99.60400 %                |
| Appearance (D120833)             | yellow powder or crystals | yellow powder or crystals |
| NMR Spectrum 1H                  | Conforms to Structure     | Conforms to Structure     |



John Su  
QA & QC Manager