

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-04 13:57:35

Date of Next Testing: 2027-07-03 13:57:35

Product Name: **2,3-Difluorophenetole**

CAS Number: 121219-07-6

Specifications & Purity: 98%(GC)

Lot #: F2317991

SKU #: **D124108**

Analysis: **078361**

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Purity(GC)                          | 98-100 (%)                       | 98.93%                           |
| Refractive index n <sub>20</sub> /D | 1.467-1.471                      | 1.47                             |
| Density (20°C)                      | 1.179-1.183                      | 1.18                             |
| Appearance (D124108)                | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Infrared spectrum                   | Conforms to Structure            | Conforms to Structure            |
| Proton NMR spectrum                 | Conforms to Structure            | Conforms to Structure            |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager