

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-09-18 15:18:33

Date of Next Testing: 2026-09-18 15:18:33

Product Name: **Diethyl fluoromalonate**

CAS Number: 685-88-1

Specifications & Purity:  $\geq 97\%$

Lot #: I2409392

SKU # **D139178**

Version **0**

**Analysis #:** **412539**

Storage Temperature: Room temperature

| Parameter                          | Limit Values                     | Result                           |
|------------------------------------|----------------------------------|----------------------------------|
| Density (20°C)                     | 1.144-1.148                      | 1.14700                          |
| Refractive index n <sub>20/D</sub> | 1.404-1.408                      | 1.40600                          |
| Purity(GC)                         | 97-100 (%)                       | 98.36500 %                       |
| Appearance (D139178)               | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Fluorine NMR Spectrum              | Conforms to Structure            | Conforms to Structure            |
| Proton NMR spectrum                | Conforms to Structure            | Conforms to Structure            |



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QA & QC Manager