

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-12 11:36:01

Date of Next Testing: 2025-12-11 11:36:01

Product Name: **Diethyl fluoromalonate**

CAS Number: 685-88-1

Specifications & Purity: $\geq 97\%$

Lot #: C2202097

SKU #: **D139178**

Version: **0**

Analysis #: **303374**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Density (20°C)	1.144-1.148	1.14700
Refractive index n ₂₀ /D	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



John Su
QA & QC Manager