

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-07 19:53:30

Date of Next Testing: 2026-12-06 19:53:30

Product Name: **Ethyl 2-Fluoroacetoacetate**

CAS Number: 1522-41-4

Specifications & Purity: >95.0%(GC)

Lot #: K22301012

SKU #: **E156450**

**Analysis:** **131192**

Storage Temperature: Argon charged

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Refractive index n <sub>20</sub> /D | 1.408-1.414                      | 1.41                             |
| Purity(GC)                          | 95-100 (%)                       | 95.00 %                          |
| Appearance (E156450)                | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Proton NMR spectrum                 | Conforms to Structure            | Conforms to Structure            |

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

John Su  
QA & QC Manager