

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-04 11:10:08
Date of Next Testing: 2025-12-03 11:10:08
Product Name: **Ethyl 4,4-difluoroacetoacetate**
CAS Number: 352-24-9
Specifications & Purity: 98%
Lot #: L2301231
SKU #: **E137193**
Analysis: **296193**
Storage Temperature: Store at 2-8°C

| Parameter | Limit Values | Result |
|-------------------------------------|----------------------------------|----------------------------------|
| Purity(GC) | 98-100 (%) | 98.33 % |
| Refractive index n ₂₀ /D | 1.404-1.409 | 1.40 |
| Appearance (E137193) | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Proton NMR spectrum | Conforms to structure | Conforms to Structure |



John Su
QA & QC Manager