

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-10-11 16:12:20
Date of Next Testing: 2025-10-10 16:12:20
Product Name: **Ethyl 4,4-difluoroacetoacetate**
CAS Number: 352-24-9
Specifications & Purity: 98%
Lot #: A2207947
SKU #: **E137193**
Analysis: 284130
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.06 %
Refractive index n ₂₀ /D	1.404-1.409	1.41
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