

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-23 14:41:42

Date of Next Testing: 2030-01-22 14:41:42

Product Name: **Ethyl Difluoroacetate**

CAS Number: 454-31-9

Specifications & Purity: $\geq 99\%$

Lot #: A2622411

SKU #: **E616466**

Version: **1**

Analysis #: **639875**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.59500 %
Refractive index n ₂₀ /D	1.345-1.350	1.34700
Appearance(E616466)	Colorless Liquid	Colorless liquid
NMR Spectrum 1H	Conforms to structure	Conforms to Structure

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

John Su
QA & QC Manager