

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-16 09:52:25

Date of Next Testing: 2024-12-15 09:52:25

Product Name: **Ethyl Difluoroacetate**

CAS Number: 454-31-9

Specifications & Purity: $\geq 97\%$

Lot #: L2206400

SKU #: **E101733**

Version: **1**

Analysis #: **154846**

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

Parameter	Limit Values	Result
Density (20°C)	1.176-1.181	1.17900
Refractive index n _{20/D}	1.345-1.348	1.34700
Purity(GC)	97-100 (%)	99.66700 %
Appearance (E101733)	Colorless Liquid	Colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager