

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-20 15:42:30

Date of Next Testing: 2026-07-19 15:42:30

Product Name: **2,2-Difluoro-2-(fluorosulfonyl)acetic acid**

CAS Number: 1717-59-5

Specifications & Purity: $\geq 97\%$

Lot #: 11820257

SKU #: **D122902**

Version: **2**

Analysis #: **115463**

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

Parameter	Limit Values	Result
Sulfur by Elemental Analysis	17.4-18.6 (%)	18.50000 %
Purity(Neutralization titration)	97-103 (%)	101.98000 %
Refractive index n _{20/D}	1.36-1.364	1.36200
Carbon by Elemental Analysis	13-14 (%)	13.50000 %
Appearance (d122902)	Colorless to light yellow or brown Liquid	Colorless to light yellow or brown Liquid
Fluorine NMR Spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager