

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-06 20:03:25

Date of Next Testing: 2027-04-05 20:03:25

Product Name: **2,2-Difluoroethanol**

CAS Number: 359-13-7

Specifications & Purity: 97%

Lot #: C23311660

SKU #: **D102785**

Analysis: 142352

Parameter	Limit Values	Result
Density (20°C)	1.3-1.304	1.30
Purity(GC)	97-100 (%)	99.39 %
Refractive index n ₂₀ /D	1.332-1.336	1.33
Appearance (D102785)	Colorless to Almost colorless clear liquid	Colorless to almost colorless clear 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