

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-13 16:56:19

Date of Next Testing: 2027-03-13 16:56:19

Product Name: **Trifluoroacetaldehyde Ethyl Hemiacetal (contains ca. 10% Ethanol)**

CAS Number: 433-27-2

Specifications & Purity: $\geq 80\%$ (GC)

Lot #: F2315818

SKU #: **T161461**

Version: **1**

Analysis #: **480766**

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

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.34-1.344	1.34
Purity(GC)	80-100 (%)	84.80 %
Ethanol Assay	0-10 (%)	8.10000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager