

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-14 17:14:50

Date of Next Testing: 2026-02-14 17:14:50

Product Name: **Trifluoroacetic acid**

CAS Number: 76-05-1

Specifications & Purity: UltraPureChrom™, for LC-MS, 0.1% in Acetonitrile

Lot #: B2511584

SKU #: **T298812**

Version: **0**

Analysis #: **465766**

Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Assay (V / V) Trifluoroacetic acid	0.095-0.105 (%)	0.09900 %
Potassium(K)	0-50 (ppb)	3.00000 ppb
Zinc(Zn)	0-20 (ppb)	2.00000 ppb
Magnesium(Mg)	0-30 (ppb)	0.90000 ppb
Water	0-0.01 (%)	0.01000 %
Calcium(Ca)	0-50 (ppb)	0.80000 ppb
Iron(Fe)	0-25 (ppb)	0.70000 ppb
Evaporation Residue	0-1 (ppm)	0.78000 ppm
Lead(Pb)	0-10 (ppb)	0.88000 ppb
Manganese(Mn)	0-10 (ppb)	0.95000 ppb
Sodium(Na)	0-50 (ppb)	11.00000 ppb
Copper(Cu)	0-10 (ppb)	0.76000 ppb
Aluminum(Al)	0-30 (ppb)	0.95000 ppb
Nickel(Ni)	0-10 (ppb)	0.98000 ppb
Silver(Ag)	0-10 (ppb)	0.94000 ppb
HPLC-UV gradient suitability PDA (200-400 nm)	0-2 (mAU)	1.00000 mAU
LC-MS gradient suitability	0-50 (ppb)	21.00000 ppb
Absorbance at 210 nm	0-0.6	0.30000
Absorbance at 220 nm	0-0.55	0.34000
Absorbance (at 230 nm)	0-0.4	0.20000
Absorbance at 254 nm	0-0.03	0.02000
Appearance (T298812)	Clear Colorless Liquid	Clear Colorless Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solvent(Acetonitrile)	Conform	Conform



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager