



Certificate of Analysis

Description: Trifluoroacetic acid (LC/MS grade)
Lot N: 1069435
Ref N: CM 30728
Barcode: 41574225
Shelf Life* : 16.01.2027

* The **shelf life** is the specified length of time prior to use for which a properly packaged and stored standard solution remains within the specified uncertainty.

PROPERTY	SPECIFICATION	MEASURED VALUE
Visual	Clear, colourless fuming liquid	Conform
Assay (acidimetric)	>= 99.9%	100.3%
UV Absorbance		
at 260 nm	<=1 AU	0.77 AU
at 270 nm	<=0.1 AU	0.05 AU
at 280 nm	<=0.05 AU	0.01 AU
at 300 nm	<=0.08 AU	0.01 AU
at 320 nm	<=0.05 AU	0.01 AU
Cl ⁻	<= 10 ppm	< 10 ppm
F ⁻	<= 50 ppm	< 50 ppm
SO ₄ ²⁻	<= 10 ppm	< 10 ppm
Water (KF)	<= 0.05 % m/m	0.006 % m/m
Suitability for LC-MS	(0.1% aqueous solution)	Passes test

Storage: Sealed ampoule, as received, should be stored in the dark at temperature lower than 30°C.

Certification Date: 16.12.2024

Signed by: , Chemical Production Manager