



**SISCO
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PVT. LTD.**

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Certificate of Analysis

Product

**67869 - Trifluoroacetic Acid (TFA) extrapure AR,
ExiPlus, Multi-Compendial, 99.5% - [76-05-1]**

Batch No

6938502

Analysis Date

01-Nov-2022

Date of Manufacture

November 2022

Expiry Date/Re-Test Date

November 2027

Molecular Formula

C₂HF₃O₂

Molecular Weight

114.02

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP, BP, Ph.Eur	Complies
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless, fuming	Colourless, fuming
Appearance (Form)	Liquid	Liquid
Miscibility	With ethanol is clear, colourless	Clear, colourless
Assay (T)	min. 99.5%	99.50%
Density (g/ml) @ 20°C	1.492-1.494	1.492
Boiling Range	72-74°C	72-74°C
Water (KF)	max. 0.05%	0.003%
Absorbance of sample in 1cm cell v/s H ₂ O		.
@260nm	max. 0.9	0.8746
@270nm	max. 0.1	0.0962
@280nm	max. 0.05	0.0431
@290nm	max. 0.04	0.0333
@300nm	max. 0.03	0.0270
@320nm	max. 0.025	0.0170

FRM/82/11/2/67869 Rev No. 1 Date 01/11/2015

Prepared by Nilam Halgekar

In compliance with the standard specifications of SRL

Plant Site 1 : D-88/2, MIDC, Turbhe – 400 705, New Mumbai, India

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