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Certificate of Analysis

Product	82818 - Trifluoroacetic Acid (TFA) for HPLC & UV Spectroscopy, 99.9% - [76-05-1]
Batch No	8888973
Analysis Date	25-Aug-2024
Date of Manufacture	August 2024
Expiry Date/Re-Test Date	August 2029
Molecular Formula	C ₂ HF ₃ O ₂
Molecular Weight	114.02

Test Parameters	Standards	Actual Results
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless, fuming	Colourless, fuming
Appearance (Form)	Liquid	Liquid
Assay (T)	min. 99.9%	99.92%
Density (g/ml) @ 20°C	1.492-1.494	1.492
Water (KF)	max. 0.05%	0.024%
Absorbance of sample in 1cm cell v/s H ₂ O		.
@260nm	max. 0.9	0.8842
@270nm	max. 0.1	0.0924
@280nm	max. 0.05	0.0378
@290nm	max. 0.04	0.0292
@300nm	max. 0.03	0.0233
@320nm	max. 0.025	0.0156

FRM/82/11/2/82818 Rev No. 3 Date 27/09/2020

Prepared by Akshay

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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