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## Certificate of Analysis

<b>Product</b>	<b>82818 - Trifluoroacetic Acid (TFA) for HPLC &amp; UV Spectroscopy, 99.9% - [76-05-1]</b>
<b>Batch No</b>	<b>8441470</b>
<b>Analysis Date</b>	13-May-2024
<b>Date of Manufacture</b>	May 2024
<b>Expiry Date/Re-Test Date</b>	May 2029
<b>Molecular Formula</b>	C <sub>2</sub> HF <sub>3</sub> O <sub>2</sub>
<b>Molecular Weight</b>	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%	99.94%
Density (g/ml) @ 20°C	1.492-1.494	1.492
Water (KF)	max. 0.05%	0.02%
Absorbance of sample in 1cm cell v/s H <sub>2</sub> O		.
@260nm	max. 0.9	0.8260
@270nm	max. 0.1	0.0580
@280nm	max. 0.05	0.0130
@290nm	max. 0.04	0.0120
@300nm	max. 0.03	0.0090
@320nm	max. 0.025	0.0070

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

Prepared by **Sujit**

In compliance with the standard specifications of SRL

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