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## Certificate of Analysis

<b>Product</b>	<b>60677 - Trichloroacetic Acid extrapure AR, ACS, 99.5% - [76-03-9]</b>
<b>Batch No</b>	<b>5086864</b>
<b>Analysis Date</b>	13-Jun-2024
<b>Date of Manufacture</b>	June 2024
<b>Expiry Date/Re-Test Date</b>	June 2029
<b>Molecular Formula</b>	C <sub>2</sub> H <sub>2</sub> O <sub>2</sub> Cl <sub>3</sub>
<b>Molecular Weight</b>	163.39

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Very hygroscopic crystals	Very hygroscopic crystals
Solubility (Turbidity) 100% aq. solution	Clear	Clear
Solubility (Colour) 100% aq. solution	Colourless	Colourless
Assay (by Neutralization)	min. 99.5%	99.8%
Insoluble matter	max. 0.01%	0.008%
Melting Point	55 - 58°C	58°C
Sulphated Ash	max. 0.02%	0.02%
Chloride (Cl)	max. 0.002%	Passes
Nitrate (NO <sub>3</sub> )	max. 0.002%	Passes
Phosphate (PO <sub>4</sub> )	max. 0.0005%	Passes
Sulphate (SO <sub>4</sub> )	max. 0.02%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Iron (Fe)	max. 0.002%	Passes
Substances darkened by Sulphuric acid	Passes test	Passes

FRM/82/11/4/60677 Rev No. 2 Date 05/07/2022

Prepared by Vivek

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,  
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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