

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : ACETIC ACID GLACIAL AR**

<b>CAS No</b>	: 64-19-7	<b>Product code</b>	: 21020
<b>Mol. Formula</b>	: CH <sub>3</sub> COOH	<b>Batch No.</b>	: MCRT-28605
<b>Mol. WT</b>	: 60.05	<b>Mfd.</b>	: June 2023
<b>Date of analysis</b>	: 24/06/23	<b>Exp.</b>	: May 2028

S.R	Test	Specification	Observation
1	<b>Description</b>	A clear colourless liquid with a characteristic odour	A clear colourless liquid with a characteristic odour
2	<b>Assay (acidimetric)</b>	99.7 %w/w min	99.87%w/w
3	<b>Wt. per ml at 20°C</b>	1.048-1.050 g	1.049g
4	<b>Freezing Point</b>	Not Below 16.2°C	16.35°C
5	<b>Water insoluble matter</b>	Passes test	Passes test
6	<b>Water</b>	0.2% max	0.10%
7	<b>Non volatile matter</b>	0.001% max	0.0005%
8	<b>Acetic anhydride [CH<sub>3</sub>.CO)<sub>2</sub>O]</b>	0.2% max	< 0.2%
9	<b>Chloride (Cl)</b>	0.0001% max	< 0.0001 %
10	<b>Formate(H.COO)</b>	0.05% max	< 0.05 %
11	<b>Sulphate(SO<sub>4</sub>)</b>	0.0001% max	< 0.0001 %
12	<b>Arsenic (As)</b>	0.00005% max	< 0.00005 %
13	<b>Copper(Cu)</b>	0.00004% max	< 0.00004 %
14	<b>Iron (Fe)</b>	0.00002% max	< 0.00002 %
15	<b>Lead (Pb)</b>	0.00001% max	< 0.00001 %
16	<b>Substance reducing dichromate (O)</b>	0.003% max	< 0.003 %

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Priti)**

**HEAD-QUALITY ASSURANCE  
(G.G.Salian)**

**Note:** Computer generated image requires no sign.