

CERTIFICATE OF ANALYSIS

PRODUCT NAME : ACETIC ACID GLACIAL AR

CAS No	: 64-19-7	Product code	: 21020
Mol. Formula	: CH ₃ COOH	Batch No	: MCRT-27064-01
Mol. WT	: 60.05	Mfd.	: Feb. 2023
Date of analysis	: 12/02/23	Exp.	: Jan. 2028

S.R	Test	Specification	Observation
1	Description	A clear colourless liquid with a characteristic odour	A clear colourless liquid with a characteristic odour
2	Assay (acidimetric)	99.7 %w/w min	99.78%w/w
3	Wt. per ml at 20°C	1.048-1.050 g	1.049g
4	Freezing Point	Not Below 16.2°C	17.0°C
5	Water insoluble matter	Passes test	Passes test
6	Water	0.2%max	0.06%
7	Non volatile matter	0.001% max	0.0008%
8	Acetic anhydride [CH₃.CO)₂O]	0.2%max	< 0.2%
9	Chloride (Cl)	0.0001% max	< 0.0001 %
10	Formate(H.COO)	0.05% max	< 0.05 %
11	Sulphate(SO₄)	0.0001% max	< 0.0001 %
12	Arsenic (As)	0.00005% max	< 0.00005 %
13	Copper(Cu)	0.00004% max	< 0.00004 %
14	Iron (Fe)	0.00002% max	< 0.00002 %
15	Lead (Pb)	0.00001% max	< 0.00001 %
16	Substance reducing dichromate (O)	0.003%max	< 0.003 %

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

**CHEMIST
(Asmita)**

[QC Incharge]

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

Note: Computer generated image requires no sign.