

CERTIFICATE OF ANALYSIS

PRODUCT NAME : ACETIC ACID GLACIAL AR

CAS No : 64-19-7
Mol. Formula : CH₃COOH
Mol. WT : 60.05
Date of analysis : 28/05/25

Product code : 21020
Batch No. : MCAR-01653
Mfd. : May 2025
Exp. : April 2030

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	99.88%w/w
3	Wt. per ml at 20°C	1.048-1.050 g	1.049g
4	Freezing Point	Not Below 16.2°C	18.0°C
5	Water insoluble matter	Passes test	Passes test
6	Water	0.2% max	0.08%
7	Non-volatile matter	0.001% max	0.0009%
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
(Shruti)**



[QC Incharge]



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

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