

## CERTIFICATE OF ANALYSIS

Date: 09/01/18

**PRODUCT NAME : ACETIC ACID GLACIAL AR**

CAS No	: 64-19-7	Product code	: 21020
Mol. Formula	: CH <sub>3</sub> COOH	Batch No	: MCR-15214
Mol. WT	: 60.05	Mfd.	: Jan. 2018
Exp.	: Dec. 2022		

S.R	Test	Specification	Observation
1	Assay (acidimetric)	99.7 %w/w min	99.82% w/w
2	Wt. per ml at 20°C	1.048-1.050 g	1.050g
3	Freezing Point	Not Below 16.2°C	16.4°C
4	Water insoluble matter	Passes test	Passes test
5	Water	0.2% max	0.08%
6	Non volatile matter	0.001% max	0.0004%
7	Acetic anhydride [CH <sub>3</sub> .CO) <sub>2</sub> O]	0.2% max	< 0.2%
8	Chloride (Cl)	0.0001% max	< 0.0001 %
9	Formate(H.COO)	0.05% max	< 0.05 %
10	Sulphate(SO <sub>4</sub> )	0.0001% max	< 0.0001 %
11	Arsenic (As)	0.00005% max	< 0.00005 %
12	Copper(Cu)	0.00004% max	< 0.00004 %
13	Iron (Fe)	0.00002% max	< 0.00002 %
14	Lead (Pb)	0.00001% max	< 0.00001 %
15	Substance reducing dichromate (O)	0.003% max	< 0.003 %

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

[Tested By]

[QC Incharge]

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

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