



## CERTIFICATE OF ANALYSIS

Date: 18/03/17

PRODUCT NAME : ACETIC ACID GLACIAL GR

CAS No : 64-19-7  
Mol. Formula : CH<sub>3</sub>COOH  
Mol. WT : 60.05  
Exp. : Feb. 2022

Product code : 21020  
Batch No : MCR-13378  
Mfd. : March 2017

S.R	Test	Specification	Observation
1	Assay (acidimetric)	99.7 % w/w min	99.77% w/w
2	Wt. per ml at 20°C	1.048-1.050 g	1.049g
3	Freezing Point	Not Below 16.2°C	16.5°C
4	Water insoluble matter	Passes test	Passes test
5	Water	0.2% max	0.09%
6	Non volatile matter	0.001% max	0.0006%
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.