CERTIFICATE OF ANALYSIS

PRODUCT NAME : ACETIC ACID GLACIAL AR

CAS No	**: 64-19-7**	**Product code**	**: 21020**
Mol. Formula	**: CH_3COOH**	**Batch No**	**: MCR-20352**
Mol. WT	**: 60.05**	**Mfd.**	**: Dec. 2019**
Date of analysis	**: 09/12/19**	**Exp.**	**: Nov. 2024**

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	99.96%w/w
3	**Wt. per ml at 20°C**	1.048-1.050 g	1.049g
4	**Freezing Point**	Not Below 16.2°C	16.3°C
5	**Water insoluble matter**	Passes test	Passes test
6	**Water**	0.2%max	0.07%
7	**Non volatile matter**	0.001% max	0.0007%
8	**Acetic anhydride $[CH_3.CO)_2O]$**	0.2%max	< 0.2%
9	**Chloride (Cl)**	0.0001% max	< 0.0001 %
10	**Formate(H.COO)**	0.05%max	< 0.05 %
11	**Sulphate(SO_4)**	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] **[QC Incharge]**

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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