

CERTIFICATE OF ANALYSIS

PRODUCT NAME : ACETIC ACID GLACIAL AR

CAS No : 64-19-7
Mol. Formula : CH₃COOH
Mol. WT : 60.05
Date of analysis : 24/02/22

Product code : 21020
Batch No. : MCRT-25142
Mfd. : Feb. 2022
Exp. : Jan. 2027

| 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 | 99.91%w/w |
| 3 | Wt. per ml at 20°C | 1.048-1.050 g | 1.050g |
| 4 | Freezing Point | Not Below 16.2°C | 16.3°C |
| 5 | Water insoluble matter | Passes test | Passes test |
| 6 | Water | 0.2%max | 0.09% |
| 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]

[QC Incharge]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.