



CERTIFICATE OF ANALYSIS

PRODUCT NAME : ACETONE AR

CAS No : 67-64-1
Mol. Formula : (CH₃)₂CO
Mol. WT : 58.08
Date of analysis : 25/11/18

Product code : 21040
Batch No : MCR-17314
Mfd. : Nov. 2018
Exp. : Oct. 2023

| S. R | Test | Specification | Observation |
|------|--|---|--|
| 1 | Description | A clear, colourless liquid, with characteristic odor, APHA not greater than 10 HU | A clear, colourless liquid, with characteristic odor, APHA less than 10 HU |
| 2 | Assay (GC) | 99.5 % min | 99.80 % |
| 3 | Refractive index (n²⁰_D) | 1.3580 – 1.3600 | 1.3588 |
| 4 | Wt. per ml (at 20⁰c) | 0.789-0.791g | 0.789g |
| 5 | Acidity(CH₃COOH) | 0.002 % max | < 0.002% |
| 6 | Alkalinity | 0.03 ml N/1% max | < 0.03 ml N/1% |
| 7 | Non Volatile Matter | 0.0005% max | 0.0001% |
| 8 | Aldehyde (H.CHO) | 0.001 % max | < 0.001% |
| 9 | Methanol (CH₃OH) | 0.05 % max | < 0.05% |
| 10 | Substance reducing permanganate (O) | 0.0002 % max | < 0.0002% |
| 11 | Water(by KF) | 0.2% max | 0.18% |
| 12 | Iron (Fe) | 0.00005 % max | < 0.00005% |
| 13 | Lead (Pb) | 0.00002 % max | < 0.00002% |

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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