



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : ACETONE AR**

<b>CAS No</b>	<b>: 67-64-1</b>	<b>Product code</b>	<b>: 21040</b>
<b>Mol. Formula</b>	<b>: (CH<sub>3</sub>)<sub>2</sub>CO</b>	<b>Batch No</b>	<b>: MCM-4344</b>
<b>Mol. WT</b>	<b>: 58.08</b>	<b>Mfd.</b>	<b>: Sept. 2021</b>
<b>Date of analysis</b>	<b>: 30/09/21</b>	<b>Exp.</b>	<b>: Aug. 2026</b>

S. R	Test	Specification	Observation
1	<b>Description</b>	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	<b>Assay (GC)</b>	99.5 % min	99.76%
3	<b>Refractive index (n<sup>20</sup><sub>D</sub>)</b>	1.3580 – 1.3600	1.3594
4	<b>Wt. per ml (at 20<sup>0</sup>c)</b>	0.789-0.791g	0.791g
5	<b>Acidity(CH<sub>3</sub>COOH)</b>	0.002 % max	0.0016%
6	<b>Alkalinity</b>	0.03 ml N/1% max	–
7	<b>Non Volatile Matter</b>	0.0005% max	0.0004%
8	<b>Aldehyde (H.CHO)</b>	0.001 % max	< 0.001%
9	<b>Methanol (CH<sub>3</sub>OH)</b>	0.05 % max	0.02%
10	<b>Substance reducing permanganate (O)</b>	0.0002 % max	< 0.0002%
11	<b>Water(by KF)</b>	0.2% max	0.18%
12	<b>Iron (Fe)</b>	0.00005 % max	< 0.00005%
13	<b>Lead (Pb)</b>	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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