

CERTIFICATE OF ANALYSIS

PRODUCT NAME : ACETONE AR

CAS No : 67-64-1
Mol. Formula : (CH₃)₂CO
Mol. WT : 58.08
Date of analysis : 21/06/24

Product code : 21040
Batch No. : MCAR-00302
Mfd. : June 2024
Exp. : May 2029

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	99.59%
3	Refractive index (n²⁰_D)	1.3580 to 1.3600	1.3592
4	Wt. per ml (at 20⁰c)	0.789-0.791g	0.790g
5	Acidity (CH₃COOH)	0.002 % max	0.001%
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)	0.5% max	0.4%
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]



**CHEMIST
(Deepa)**

[QC Incharge]



**HEAD-QUALITY ASSURANCE
(G.G. Salian)**

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