

CERTIFICATE OF ANALYSIS

PRODUCT NAME : ACETONE AR

CAS No	: 67-64-1	Product code	: 21040
Mol. Formula	: (CH ₃) ₂ CO	Batch No	: MCRT-20826
Mol. WT	: 58.08	Mfd.	: Feb. 2020
Date of analysis	: 09/02/20	Exp.	: Jan. 2025

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	99.88%
3	Refractive index (n²⁰_D)	1.3580 – 1.3600	1.3594
4	Wt. per ml (at 20⁰ c)	0.789-0.791g	0.790g
5	Acidity(CH₃COOH)	0.002 % max	0.0016%
6	Alkalinity	0.03 ml N/1% max	< 0.03 ml N/1%
7	Non Volatile Matter	0.0005% max	0.0003%
8	Aldehyde (H.CHO)	0.001 % max	< 0.001%
9	Methanol (CH₃OH)	0.05 % max	0.02%
10	Substance reducing permanganate (O)	0.0002 % max	< 0.0002%
11	Water(by KF)	0.2% max	0.1%
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.