



## CERTIFICATE OF ANALYSIS

Date: 06/08/14

PRODUCT NAME : ACETONE GR

CAS No : 67-64-1  
Mol. Formula : (CH<sub>3</sub>)<sub>2</sub>CO  
Mol. WT : 58.08

Product code : 21040  
Batch No : MCRT-8490  
Mfd. : Aug. 2014

S. R	Test	Specification	Observation
1	Assay (GC)	99.5 % min	99.87%
2	Refractive index (n <sup>20</sup> <sub>D</sub> )	1.3580 – 1.3600	1.3590
3	Wt. per ml (at 20 <sup>0</sup> c)	0.789-0.791g	0.791g
4	Acidity(CH <sub>3</sub> COOH)	0.002 % max	< 0.002 %
5	Alkalinity	0.03 ml N/1% max	< 0.03 ml N/1%
6	Non Volatile Matter	0.0005% max	0.0003 %
7	Aldehyde (H.CHO)	0.001 % max	< 0.001 %
8	Methanol (CH <sub>3</sub> OH)	0.05 % max	<0.05%
9	Substance reducing permanganate (O)	0.0002 % max	< 0.0002 %
10	Water(by KF)	0.2% max	0.10 %
11	Iron (Fe)	0.00005 % max	< 0.00005 %
12	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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