



## CERTIFICATE OF ANALYSIS

Date: 13/01/13

PRODUCT NAME : ACETONE GR

CAS No : 67-64-1  
Mol. Formula :  $(\text{CH}_3)_2\text{CO}$   
Mol. WT : 58.08

Product code : 21040  
Batch No : MCRT-6214  
Mfd. : Jan. 2013

S. R	Test	Specification	Observation
1	Assay (GC)	99.5 % min	99.84 %
2	Refractive index ( $n^{20}_D$ )	1.3580 – 1.3600	1.3582
3	Wt.per ml (at20 <sup>0</sup> c)	0.789-0.791g	0.790g
4	Acidity( $\text{CH}_3\text{COOH}$ )	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	0.0002%
7	Aldehyde (H.CHO)	0.001 % max	< 0.001 %
8	Methanol ( $\text{CH}_3\text{OH}$ )	0.05 % max	<0.05%
9	Substance reducing permanganate (O)	0.0002 % max	< 0.0002 %
10	Water(by KF)	0.2% max	0.15 %
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.

MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)  
Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : [info@molychem.net](mailto:info@molychem.net)  
Works: Plot No./9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503