



## CERTIFICATE OF ANALYSIS

Date: 21/11/13

PRODUCT NAME : BENZENE GR

CAS No : 71-43-2  
Mol. Formula : C<sub>6</sub>H<sub>6</sub>  
Mol. WT : 78.11

Product code : 22240  
Batch No : MCRT-7411  
Mfd . : Nov. 2013

S.R	Test	Specification	Observation
1	Assay (GC)	99.0 % min	99.78 %
2	Wt. per ml (at20 <sup>0</sup> c)	0.877-0.878 g	0.877g
3	Freezing point	Not below 5.2 <sup>0</sup> C	5.9 <sup>0</sup> C
4	Refractive index	1.499-1.502	1.500
5	Water	0.05% max	0.043%
6	Acidity	0.012 ml N% max	<0.012 ml N%
7	Alkalinity	0.012 ml N% max	<0.012 ml N%
8	Non Volatile Matter	0.001% max	0.0006 %
9	Copper (Cu)	0.00002% max	<0.00002%
10	Iron (Fe)	0.00005% max	<0.00005%
11	Lead (Pb)	0.00002% max	<0.00002%
12	Organic impurities	Passes acid wash test	Passes acid wash test
13	Sulphur compound (CS <sub>2</sub> )	0.0003% max	<0.0003%
14	Thiophen (C <sub>4</sub> H <sub>4</sub> S)	0.0002% max	<0.0002%

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[Q.C Incharge]

HEAD-QUALITY ASSUARANCE  
(G.G.Salian)

Note: Computer generated image requires no sign.

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