



CERTIFICATE OF ANALYSIS

Date: 12/06/14

PRODUCT NAME : BENZENE GR

CAS No : 71-43-2

Mol. Formula : C_6H_6

Mol. WT : 78.11

Product code : 22240

Batch No : MCRT- 8297

Mfd. : June 2014

S. R	Test	Specification	Observation
1	Assay (GC)	99.0 % min	99.89 %
2	Wt. per ml at 20°C	0.877-0.878g	0.877g
3	Freezing point	Not below 5.2°C	6°C
4	Refractive index	1.499-1.502	1.500
5	Non Volatile Matter	0.001% max	0.0006 %
6	Water	0.05 % max	0.027%
7	Acidity	0.012 ml N% max	<0.012 ml N%
8	Alkalinity	0.012 ml N% max	<0.012 ml N%
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 ₂)	0.0003% max	<0.0003%
14	Thiophen (C ₄ H ₄ 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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