



CERTIFICATE OF ANALYSIS

Date: 08/04/14

PRODUCT NAME : BENZENE GR

CAS No : 71-43-2
Mol. Formula : C₆H₆
Mol. WT : 78.11

Product code : 22240
Batch No : MCRT-8023
Mfd . : April 2014

S.R	Test	Specification	Observation
1	Assay (GC)	99.0 % min	99.98 %
2	Wt. per ml (at20 ⁰ c)	0.877-0.878 g	0.877g
3	Freezing point	Not below 5.2 ⁰ C	5.9 ⁰ C
4	Refractive index	1.499-1.502	1.500
5	Water	0.05% max	0.008%
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	0.0008 %
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.

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