



CERTIFICATE OF ANALYSIS

Date: 03/03/14

PRODUCT NAME : TOLUENE GR

CAS No : 108-88-3
Mol. Formula : C₇H₈
Mol. WT : 92.14

Product code : 26680
Batch No : MCRT-7875
Mfd : March 2014

S. R	Test	Specification	Observation
1	Assay (GC)	99.5 % min	99.95 %
2	Wt. per ml at 20°C	0.860-0.867 g	0.864 g
3	Refractive index at 20°C	1.494-1.497	1.495
4	Water(by KF)	0.03 % max	0.010 %
5	Acidity	0.012 ml N% max	<0.012 ml N%
6	Alkalinity	0.012 ml N% max	< 0.012 ml N%
7	Non volatile matter	0.002 % max	0.0010 %
8	Benzene(C ₆ H ₆)	0.2 % max	<0.2%
9	Copper(Cu)	0.00005 % max	< 0.00005 %
10	Iron(Fe)	0.0001 % max	< 0.0001 %
11	Lead(Pb)	0.00005 % max	< 0.00005 %
12	Organic impurities	Passes acid wash test	Passes acid wash test
13	Sulphur compounds (CS ₂)	0.0003 % max	< 0.0003 %
14	Thiophen Homologues(C ₄ H ₄ S)	0.0002 % max	<0.0002 %

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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