



CERTIFICATE OF ANALYSIS

Date: 15/07/13

PRODUCT NAME : TOLUENE GR

CAS No : 108-88-3

Product code : 26680

Mol. Formula : C₇H₈

Batch No : MCRT-6910

Mol. WT : 92.14

Mfd. : July 2013

S. R	Test	Specification	Observation
1	Assay (GC)	99.5 % min	99.92 %
2	Refractive index at 20 ⁰ C	1.494-1.497	1.494
3	Wt. per ml at 20 ⁰ C	0.860-0.867 g	0.864 g
4	Water	0.03% max	0.03%
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	0.001% max
8	Benzene(C ₆ H ₆)	0.2% max	<0.2% max
9	Copper (Cu)	0.00005% max	<0.00005% max
10	Iron(Fe)	0.0001% max	<0.0001% max
11	Lead(Pb)	0.00005% max	<0.00005% max
12	Organic Impurities	Passes acid wash test	Passes acid wash test
13	Sulphur compound(CS ₂)	0.0003% max	<0.0003% max
14	Thiophen homologues (C ₄ H ₄ S)	0.0002 % max	<0.0002 % max

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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