



CERTIFICATE OF ANALYSIS

Date: 22/06/18

PRODUCT NAME : TOLUENE AR

CAS No : 108-88-3
Mol. Formula : C₇H₈
Mol. WT : 92.14
Exp. : May 2023

Product code : 26680
Batch No : MCR-12723-02
Mfd. : June 2018

S. R	Test	Specification	Observation
1	Description	A clear, colourless liquid, with characteristic odor, APHA not greater than 10 HU	A clear, colourless liquid, with characteristic odor, APHA less than 10 HU
2	Assay (GC)	99.5 % min	99.92 %
3	Wt per ml at 20°C	0.860-0.867 g	0.866g
4	Refractive index at 20°C	1.494-1.497	1.496
5	Water(by KF)	0.03 % max	0.02 %
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	0.002 % max	0.001%
9	Benzene(C ₆ H ₆)	0.2 % max	<0.2%
10	Copper(Cu)	0.00005 % max	< 0.00005 %
11	Iron(Fe)	0.0001 % max	< 0.0001 %
12	Lead(Pb)	0.00005 % max	< 0.00005 %
13	Organic impurities	Passes acid wash test	Passes acid wash test
14	Sulphur compounds (CS ₂)	0.0003 % max	< 0.0003 %
15	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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