



CERTIFICATE OF ANALYSIS

Date: 17/09/18

PRODUCT NAME : TOLUENE AR

CAS No : 108-88-3 Product code : 26680
Mol. Formula : C₇H₈ Batch No : MCRT-16885
Mol. WT : 92.14 Mfd. : Sept. 2018
Exp. : Aug. 2023

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	99.95 %
3	Wt. per ml at 20°C	0.860-0.867 g	0.863 g
4	Refractive index at 20°C	1.494-1.497	1.495
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	0.0006%
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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