



CERTIFICATE OF ANALYSIS

PRODUCT NAME : TOLUENE AR

CAS No	: 108-88-3	Product code	: 26680
Mol. Formula	: C₇H₈	Batch No	: MCRT-18191
Mol. WT	: 92.14	Mfd.	: Feb. 2019
Date of Analysis	: 26/02/19	Exp.	: Jan 2023

S. R	Test	Specification	Observation
1	Description	Clear colourless liquid.	Clear colourless liquid.
2	Assay (GC)	99.5 % min	99.90 %
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	0.002 %
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	0.0009%
9	Benzene(C₆H₆)	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 (CS₂)	0.0003 % max	< 0.0003 %
15	Thiophen Homologues (C₄H₄ 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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