



CERTIFICATE OF ANALYSIS

PRODUCT NAME : TOLUENE AR

CAS No : 108-88-3
Mol. Formula : C₇H₈
Mol. WT : 92.14
Date of analysis : 17/08/22

Product code : 26680
Batch No. : MCRT-26316
Mfd. : Aug. 2022
Exp. : July 2027

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	99.91%
3	Wt. per ml at 20°C	0.860-0.867 g	0.860 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	—
8	Non volatile matter	0.002 % max	0.0006%
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]

**CHEMIST
(Sayali)**

**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

Note: Computer generated image requires no sign.

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