CERTIFICATE OF ANALYSIS

PRODUCT NAME : TOLUENE AR

CAS No	**: 108-88-3**	**Product code**	**: 26680**
Mol. Formula	**: C_7H_8**	**Batch No**	**: MCRT-18276**
Mol. WT	**: 92.14**	**Mfd.**	**: March 2019**
Date of analysis	**: 18/03/19**	**Exp.**	**: Feb. 2024**

S. R	Test	Specification	Observation
1	**Description**	Clear colourless liquid.	Clear colourless liquid.
2	**Assay (GC)**	99.5 % min	99.94 %
3	**Wt. per ml at 20°C**	0.860-0.867 g	0.864 g
4	**Refractive index at 20°C**	1.494-1.497	1.496
5	**Water(by KF)**	0.03 % max	0.01 %
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_6H_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_4H_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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