



CERTIFICATE OF ANALYSIS

PRODUCT NAME : TOLUENE RECTIFIED AR (SULPHUR FREE)

CAS No : 108-88-3
Mol. Formula : C₇H₈
Mol. WT : 92.14
Date of analysis : 20/04/24

Product code : 26680
Batch No : MCAR-00044
Mfd. : April 2024
Exp. : March 2029

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	99.88 %
3	Wt. per ml at 20°C	0.860-0.867 g	0.865 g
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	Nil
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]

**CHEMIST
(Ruchi)**

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

Note: Computer generated image requires no sign.

MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaoon, Badlapur (E), Dist.-Thane-421 503.

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