

CERTIFICATE OF ANALYSIS

PRODUCT NAME : XYLENE AR

CAS No : 1330-20-7
Mol. Formula : C₈ H₁₀
Mol. WT : 106.17
Date of analysis : 06/08/23

Product code : 26840
Batch No : MCRT-21443-02
Mfd. : Aug. 2023
Exp. : July 2028

S. R	Test	Specification	Observation
1	Description	A clear colourless liquid.	A clear colourless liquid.
2	Assay (by G.C.)	99% min	99.23%
3	Wt. per ml at 20^oC	0.863-0.866g	0.864g
4	Water	0.03% max	0.02%
5	Acidity	0.012 ml N% max	<0.012 ml N%
6	Alkalinity	0.012 ml N% max	<0.012 ml N%
7	Non-volatile matter	0.002% max	0.002%
8	Benzene and toluene	0.5% max	<0.5%
9	Copper (Cu)	0.00005% max	<0.00005%
10	Iron (Fe)	0.0001% max	<0.0001%
11	Lead (Pb)	0.00005% max	<0.00005%
12	Organic impurities	Passes acid wash test	Passes acid wash test
13	Sulphur compounds (CS₂)	0.0003% max	<0.0003 %
14	Thiophen homologues (C₄H₄S)	0.0002% max	<0.0002 %

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

**CHEMIST
(Nikita)**

[QC Incharge]

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

Note: Computer generated image requires no sign.

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