

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : XYLENE AR**

**CAS No : 1330-20-7**  
**Mol. Formula : C<sub>8</sub>H<sub>10</sub>**  
**Mol. WT : 106.17**  
**Date of analysis : 23/03/24**

**Product code : 26840**  
**Batch No. : MCRT-30687**  
**Mfd. : March 2024**  
**Exp. : Feb. 2029**

S.R	Test	Specification	Observation
1	<b>Description</b>	A clear colourless liquid.	A clear colourless liquid.
2	<b>Assay (by G.C.)</b>	99% min	99.20%
3	<b>Wt. per ml at 20<sup>o</sup>C</b>	0.863-0.866g	0.864g
4	<b>Water</b>	0.03% max	0.02%
5	<b>Acidity</b>	0.012 ml N% max	<0.012 ml N%
6	<b>Alkalinity</b>	0.012 ml N% max	<0.012 ml N%
7	<b>Non-volatile matter</b>	0.002% max	0.0008%
8	<b>Benzene and toluene</b>	0.5% max	<0.5%
9	<b>Copper (Cu)</b>	0.00005% max	<0.00005%
10	<b>Iron (Fe)</b>	0.0001% max	<0.0001%
11	<b>Lead (Pb)</b>	0.00005% max	<0.00005%
12	<b>Organic impurities</b>	Passes acid wash test	Passes acid wash test
13	<b>Sulphur compounds (CS<sub>2</sub>)</b>	0.0003% max	<0.0003 %
14	<b>Thiophen homologues (C<sub>4</sub>H<sub>4</sub>S)</b>	0.0002% max	<0.0002 %

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Jyoti)**

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

**Note:** Computer generated image requires no sign.

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