

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : XYLENE AR**

<b>CAS No</b>	: 1330-20-7	<b>Product code</b>	: 26840
<b>Mol. Formula</b>	: C <sub>8</sub> H <sub>10</sub>	<b>Batch No.</b>	: MCRT-29386
<b>Mol. WT</b>	: 106.17	<b>Mfd.</b>	: Sept. 2023
<b>Date of analysis</b>	: 29/09/23	<b>Exp.</b>	: Aug. 2028

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	99.44%
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	0.024%
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	0.001%
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  
(Priti)**

**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](mailto:info@molychem.net) • Web: [www.molychem.net](http://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.