



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : XYLENE AR**

**CAS No : 1330-20-7                      Product code : 26840**  
**Mol. Formula : C<sub>8</sub>H<sub>10</sub>                      Batch No. : MCRT-28269**  
**Mol. WT : 106.17                      Mfd. : May 2023**  
**Date of analysis : 14/05/23                      Exp. : April 2028**

| S.R | Test  | Specification              | Observation                |
|-----|---|----------------------------|----------------------------|
| 1   | Description   | A clear colourless liquid. | A clear colourless liquid. |
| 2   | Assay (by G.C.)                                       | 99% min                    | 99.25%                     |
| 3   | Wt. per ml at 20 <sup>0</sup> C                       | 0.863-0.866g               | 0.863g                     |
| 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 (CS <sub>2</sub> )                  | 0.0003% max                | <0.0003 %                  |
| 14  | Thiophen homologues (C <sub>4</sub> H <sub>4</sub> S) | 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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