

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-12-22 10:59:26  
Date of Next Testing: 2025-12-11 10:59:26  
Product Name: **Xylene**  
CAS Number: 1330-20-7  
Specifications & Purity: Analytical Reagent , 99%(xylene isomer and ethyl benzene)  
Lot #: L2320381  
SKU #: **X112051**  
Analysis: **302087**

| Parameter                               | Limit Values          | Result                |
|---|-----------------------|-----------------------|
| Color scale                             | 0-10 (%)              | 5.00 %                |
| Water by Karl Fischer                   | 0-0.03 (%)            | 0.01 %                |
| Evaporation Residue                     | 0-0.001 (mg/L)        | 0.00 mg/L             |
| Thiophene                               | 0-0.0001              | 0.00                  |
| Acidity                                 | 0-0.025               | 0.01                  |
| Benzene(C <sub>6</sub> H <sub>6</sub> ) | 0-0.1 (%)             | 0.04 %                |
| Ethylbenzene(GC)                        | 0-25 (%)              | 21.47 %               |
| Alkalinity                              | 0-0.025               | 0.01                  |
| Sulfate(SO <sub>4</sub> <sup>2-</sup> ) | 0-0.006 (%)           | 0.00 %                |
| Toluene                                 | 0-0.1 (%)             | 0.05 %                |
| Assay(Xylene isomers plus Ethylbenzene) | 99-100 (%)            | 99.00 %               |
| Appearance (X112051)                    | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                       | Conforms to Structure | Conforms to Structure |
| Readily carbonizable substance          | pass                  | Pass                  |



John Su  
QA & QC Manager