

Certificate of Analysis

Date of Testing: 2022-09-20 14:30:09

Date of Next Testing: 2024-09-09 14:30:09

Product Name: **Xylene**

CAS Number: 1330-20-7

Specifications & Purity: Analytical Reagent , 99%(xylene isomer and ethyl benzene)

Lot #: I22081053

SKU #: **X112051**

Analysis: 130371

| Parameter | Limit Values | Result |
|---|-----------------------|-----------------------|
| Color scale | 0-10 (%) | 5.30 % |
| Water by Karl Fischer | 0-0.03 (%) | 0.02 % |
| 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 ₆ H ₆) | 0-0.1 (%) | 0.05 % |
| Ethylbenzene(GC) | 0-25 (%) | 18.74 % |
| Alkalinity | 0-0.025 | 0.01 |
| Sulfate(SO ₄ ²⁻) | 0-0.006 (%) | 0.00 % |
| Toluene | 0-0.1 (%) | 0.04 % |
| Assay(Xylene isomers plus Ethylbenzene) | 99-100 (%) | 99.01 % |
| Appearance (X112051) | Colorless Liquid | Colorless liquid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Readily carbonizable substance | pass | Pass |



John Su
QA & QC Manager