



19 Chapin Road - Building C, Pine Brook, NJ 07058
800.783.9424 | avantik-us.com

CERTIFICATE OF ANALYSIS

Product Name: Xylene

Description: Xylene, Meets or Exceeds ACS Reagent Specifications, Case of 4 x 1 gallon poly bottles

Product No.: RS4050

Lot. No.: 2317317

Date of Manufacture: 2023-06-28

Expiration Date: 2026-06-27

QC Testing:

| PROPERTY | SPECIFICATION | RESULTS | PASS / FAIL |
|---|---------------|----------|-------------|
| Assay (by GC) (Xylene Isomers & Ethyl Benzene) | 98.5% min | 99.77% | PASS |
| Paraxylene | Per Lot | 20.67% | PASS |
| Metaxylene | Per Lot | 45.60% | PASS |
| Orthoxylene | Per Lot | 14.49% | PASS |
| Ethyl Benzene | 25% max. | 19.02% | PASS |
| Boiling Range | 137-143°C | Pass | PASS |
| Color (APHA) | 10 max. | 0 | PASS |
| Appearance | Clear | Pass | PASS |
| Residue After Evaporation | 10 ppm max. | <10 ppm | PASS |
| Substances Darkened By H ₂ SO ₄ | To Pass | Pass | PASS |
| Sulfur Compounds | 1 ppm max. | <1 ppm | PASS |
| Water | 0.05% max. | 0.03% | PASS |
| Specific Gravity @ 15.56°C | 0.865-0.875 | 0.871 | PASS |
| Benzene Content | 0.01% max. | <0.0001% | PASS |
| Toluene Content | 0.5% max. | 0.0014% | PASS |
| Total C9 Aromatics | Per Lot | 0.2004% | PASS |
| Non-Aromatics | 0.30% max. | 0.0284% | PASS |

Country of Origin: United States of America

Latex Free: This product contains no latex

Approved By:

Robert Colognesi
Quality Assurance Director