

**Certificate of Analysis**

**Product: Xylenes Histological Lab Grade**

**Item Number: XYL**

**Grade: Lab**

**Lot Number: 5000839/1.1**

**Manufacture Date: 08/16/2024**

**Expiration Date: 08/15/2029**

**Country of Origin: United States**

Tested Property	Specification	Analysis
Appearance	Clear colorless liquid	Pass
Assay (Xylene Isomers+Ethylene Benzene)	>98.50%	99.19%
Meta-Xylene	As reported	42.57%
Para-Xylene	As reported	19.78%
Ortho-Xylene	As reported	22.28%
Ethyl Benzene	<25.0%	14.55%
Toluene	Max 0.5%	0.1%
Sulfur	Max 1.0 mg/kg	<1.0mg/kg
Water	Max 0.5%	0.0112% (112 ppm)
Distillation Range IBP	Min 137.0 °F	139.0°F
Distillation range DP	Max 143.0°F	141.3°F
Acidity	As reported	No free acid
Color Pt-Co	Max 10	3
Specific Gravity @ 60°F	As reported	0.8697
Bromine index	Max 20 mg/100g	8.3
Copper Corrosion @100°C for 30 mins	As reported	1A
Nitrogen	As reported	<1.0 ppm
C9 + Aromatics	Max 1.0%	0.25%
Total Aromatics	As reported	99.55%
Non Aromatics	Max 1.0%	0.45%

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