

Certificate of Analysis

Product: Xylenes Histological Lab Grade

Item Number: XYL

Grade: Lab

Lot Number: 5001596/1.1

Manufacture Date: 08/09/2025

Expiration Date: 08/08/2030

Country of Origin: United States

Tested Property	Specification	Analysis
Appearance	Clear and Bright	Pass
Free Water and/or Particulates	As reported	No Water and/or Particles
Meta-Xylene	As reported	43.8351%
Para-Xylene	Min 18.0000%	18.8874%
Ortho-Xylene	As reported	20.7186%
Ethyl Benzene	Max 20.0000%	15.3889%
Toluene	Max 0.5000%	0.0184%
Sulfur	Max 1.0 ppm	<0.5 ppm
Water Content	As reported	0.009%
Distillation Range IBP	Min 137.0 °C	137.8°C
Distillation range DP	Max 143.0°C	140.7°C
Acidity	As reported	No free acid
Color Pt-Co	Max 20	<5
Specific Gravity @ 60°F	As reported	0.8713
Bromine index	Max 100 mg/100g	3.5
Copper Corrosion @100°C for 30 mins	As reported	1A
Total Nitrogen	Max 1.0 mg/kg	0.14
C9 + Aromatics	Max 1.0000%	0.4839%
Total Aromatics	As reported	99.55%
Non Aromatics	Max 1.0000%	0.6459%

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Sample Group	As reported	Group 1
Acid Wash Color Scale	Max 6	1
Sample Result	As reported	Pass
Benzene	As reported	0.0219%
Chlorine, mg/kg	As reported	<1.0 mg/kg
Cumene	As reported	0.1763%
p-Diethylbenzene	As reported	0.0057%
Distillation Range	Max 5.0 °C	2.9 °C
Specification Temperature Included	As reported	No
API Gravity @ 60 F	As reported	31.0 API
Density @ 15 °C	As reported	0.8705 g/cm3

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Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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