



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-237422
Lot Number: SAMPLE
Product Name: Xylene, mixed isomers
CAS Number: 1330-20-7
Molecular Formula: C_8H_{10}
Molecular Weight: 106.17

Test	Specification	Result
Appearance	Clear	Complies
Assay	98.5% (all isomers)	99.81%
Boiling Point	137 - 143 °C	138.6 - 140.8 °C
Residue after evaporation	≤ 10 ppm	2 ppm
Specific Gravity	0.865 - 0.875 (at 15.56 °C)	0.871
Color (APHA)	≤ 10	1
Substance Darkened by Sulfuric Acid		Complies
Benzene	≤ 0.01%	< 0.01%
Ethyl Benzene	≤ 25%	1.83%
Metaxylene		62.00%
Non-aromatics	≤ 0.30%	0.04%
Orthoxylene		20.72%
Paraxylene		15.44%
Sulfur Compounds	≤ 1 ppm	< 1 ppm
Toluene	≤ 0.5%	< 0.01%
Total C9 aromatics		< 0.01%
Water Content	≤ 0.05%	0.02%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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