

3050 Spruce Street, Saint Louis, MO 63103, USA

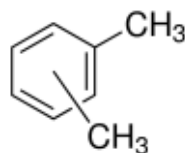
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## Product Specification

Product Name:  
Xylenes – ACS reagent, ≥98.5% xylenes + ethylbenzene basis

Product Number: 247642

MDL: MFCD00077264  
Formula: C<sub>8</sub>H<sub>10</sub>  
Formula Weight: 106.17 g/mol



TEST	Specification
Appearance (Color)	Colorless
Appearance (Form)	Liquid
Infrared spectrum	Conforms to Structure
Color Test	≤ 10 APHA
GC Purity (sum of isomers)	≥ 98.50 %A
Xylene isomers plus Ethylbenzene	
GC Identified Peak	≤ 25.0 %
Ethylbenzene	
Residue on Evaporation	≤ 0.002 %
Water (by Karl Fischer)	≤ 0.05 %
Substances Darkened (by H <sub>2</sub> SO <sub>4</sub> )	Pass
Sulfur Compounds (as S)	< = 0.003%
Meets ACS Requirements	Current ACS Specification
Recommended Retest Period	-----
2 Years	

Specification: PRD.3.ZQ5.10000023627

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.