

# TECHNICAL DATASHEET

**Article no.: 360**

**Xylene p. a., ACS, ISO, Reag.Ph. Eur., USP (min. 98.5 %)**

C<sub>8</sub>H<sub>10</sub>

For laboratory and histological use.

Parameter	Specification
Appearance	colourless liquid
Melting point	-34 °C
Boiling point	137–140 °C
Flash point	24 °C
Density	0.864–0.870 g/ml
Mol.-Weight	106.17 g/mol
Mixture of isomers	
Identity	Complies
Water	max. 200 ppm
Free acid (as Benzoic acid)	max. 14 ppm
Free alkali (as Ammonia)	max. 2 ppm
Aluminium (Al)	max. 0.5 ppm
Barium (Ba)	max. 0.1 ppm
Calcium (Ca)	max. 0.5 ppm
Cadmium (Cd)	max. 0.05 ppm
Cobalt (Co)	max. 0.02 ppm
Chromium (Cr)	max. 0..02 ppm
Copper (Cu)	max. 0.02 ppm
Iron (Fe)	max. 0.1 ppm
Magnesium (Mg)	max. 0.1 ppm
Manganese (Mn)	max. 0.02 ppm

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Parameter	Specification
Nickel (Ni)	max. 0.02 ppm
Lead (Pb)	max. 0.05 ppm
Tin (Sn)	max. 0.1 ppm
Zinc (Zn)	max. 0.05 ppm
Benzene ( $C_6H_6$ )	max. 50 ppm
Sulfur (S)	max. 3 ppm
Thiophene ( $C_4H_4S$ )	max. 1 ppm
Toluene ( $C_6H_5CH_3$ )	max. 1,0 ppm
Ethylbenzene ( $C_8H_{10}$ )	max. 25 %
Residue on evaporation	max. 10 ppm
Readily carbonizable substances	passes test
Substances darkened by $H_2SO_4$	passes test
Colour (APHA)	max. 10