

Xylene, RCI Premium

C ₈ H ₄ (CH ₃) ₂	FW. 106.17	Density 1 L = 0.860 Kg.
CAS-No.	1330-20-7	Boiling Point 137-143 °C
Code	RP1354	

Specifications

(Meet A.C.S. Specifications)

Assay (by GC. : Total of C ₈ H ₁₀ isomers)	98.5% min.
Identity (IR)	Passes test
Appearance	Clear
Color (APHA)	10 max.
Water (by Coulometry)	0.03% max.
Acidity (mEq./g.)	0.0005 max.
Alkalinity (mEq./g.)	0.0003 max.
Residue on Evaporation	0.001% max.
Benzene (GC.)	0.1% max.
Ethylbenzene (GC.)	25% max.
Toluene (GC.)	0.2% max.
Substances darkened by sulfuric acid	Passes test
Sulfur Compounds (S)	0.002% max.
Thiophene	Passes test
Aluminium (Al)	0.2 ppm max.
Barium (Ba)	0.05 ppm max.
Boron (B)	0.01 ppm max.
Cadmium (Cd)	0.02 ppm max.
Calcium (Ca)	0.2 ppm max.
Chromium (Cr)	0.01 ppm max.
Cobalt (Co)	0.01 ppm max.
Copper (Cu)	0.01 ppm max.
Iron (Fe)	0.05 ppm max.
Lead (Pb)	0.05 ppm max.
Magnesium (Mg)	0.05 ppm max.
Manganese (Mn)	0.01 ppm max.
Nickel (Ni)	0.01 ppm max.
Tin (Sn)	0.05 ppm max.
Zinc (Zn)	0.05 ppm max.

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