

Material	28975.360
Material description	Xylene (mixture of isomers)
Grade	AnalaR NORMAPUR ACS, Reag. Ph. Eur.
CAS Number	1330-20-7

Characteristics	Specifications
Assay (mix of 3 isomers + ethylbenzene)	Min. 98.5 %
IR Spectrum	Passes test
Acidity or alkalinity	Max. 0.0002 meq/g
Boiling point	137 --> 141 °C
Colouration	Max. 10 APHA
Density (20/4)	0.865 --> 0.867
Density (20/20)	0.866 --> 0.868
n 20/D	1.495 --> 1.499
Substances coloured by H ₂ SO ₄	Max. 1600 APHA
Benzene	Max. 0.02 %
Ethylbenzene	Max. 25 %
Evaporation residue	Max. 10 ppm
Sulphur compounds (as S)	Max. 5 ppm
Thiophene	Max. 1 ppm
Toluene	Max. 1.0 %
Water	Max. 0.03 %
Al (Aluminium)	Max. 0.05 ppm
B (Boron)	Max. 0.02 ppm
Ba (Barium)	Max. 0.05 ppm
Ca (Calcium)	Max. 0.2 ppm
Cd (Cadmium)	Max. 0.02 ppm
Co (Cobalt)	Max. 0.01 ppm
Cr (Chromium)	Max. 0.02 ppm
Cu (Copper)	Max. 0.02 ppm
Fe (Iron)	Max. 0.05 ppm
Mg (Magnesium)	Max. 0.05 ppm
Mn (Manganese)	Max. 0.05 ppm
Ni (Nickel)	Max. 0.01 ppm

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Characteristics	Specifications
Pb (Lead)	Max. 0.03 ppm
Sn (Tin)	Max. 0.05 ppm
Zn (Zinc)	Max. 0.05 ppm
Conforms to ACS	Passes test
Conforms to Reag. Ph.Eur.	Passes test

Signature

We certify that this batch conforms to the specifications listed above.

This document has been produced electronically and is valid without a signature.

Isabelle Habay, Head of Laboratory - Briare
VWR International S.A.S.; Z.I. de Vaugereau; FR-45250 Briare;
France