

Material 28975.325  
 Material description Xylene (mixture of isomers)  
 Grade AnalaR NORMAPUR ACS, Reag. Ph. Eur.

Lot 20E114017  
 Expires end of 2025-May-06  
 CAS Number 1330-20-7

Characteristics	Specifications	Measured values
Assay (mix of 3 isomers + ethylbenzene)	Min. 98.5 %	Min. 98.5 %
IR Spectrum	Passes test	Passes test
Acidity or alkalinity	Max. 0.0002 meq/g	Max. 0.0002 meq/g
Boiling point	137 --> 141 °C	139 °C
Colouration	Max. 10 APHA	Max. 10 APHA
Density (20/4)	0.865 --> 0.867	0.866
Density (20/20)	0.866 --> 0.868	0.867
n 20/D	1.495 --> 1.499	1.498
Substances coloured by H2SO4	Max. 1600 APHA	Max. 1600 APHA
Benzene	Max. 0.02 %	Max. 0.02 %
Ethylbenzene	Max. 25 %	16 %
Evaporation residue	Max. 10 ppm	< 1 ppm
Sulphur compounds (as S)	Max. 5 ppm	Max. 5 ppm
Thiophene	Max. 1 ppm	Max. 1 ppm
Toluene	Max. 1.0 %	Max. 1.0 %
Water	Max. 0.03 %	0.01 %
Al (Aluminium)	Max. 0.05 ppm	Max. 0.05 ppm
B (Boron)	Max. 0.02 ppm	Max. 0.02 ppm
Ba (Barium)	Max. 0.05 ppm	Max. 0.05 ppm
Ca (Calcium)	Max. 0.2 ppm	Max. 0.2 ppm
Cd (Cadmium)	Max. 0.02 ppm	Max. 0.02 ppm
Co (Cobalt)	Max. 0.01 ppm	Max. 0.01 ppm
Cr (Chromium)	Max. 0.02 ppm	Max. 0.02 ppm
Cu (Copper)	Max. 0.02 ppm	Max. 0.02 ppm
Fe (Iron)	Max. 0.05 ppm	Max. 0.05 ppm
Mg (Magnesium)	Max. 0.05 ppm	Max. 0.05 ppm
Mn (Manganese)	Max. 0.05 ppm	Max. 0.05 ppm
Ni (Nickel)	Max. 0.01 ppm	Max. 0.01 ppm

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Characteristics	Specifications	Measured values
Pb (Lead)	Max. 0.02 ppm	Max. 0.02 ppm
Sn (Tin)	Max. 0.05 ppm	Max. 0.05 ppm
Zn (Zinc)	Max. 0.05 ppm	Max. 0.05 ppm
Conforms to ACS	Passes test	Passes test
Conforms to Reag. Ph.Eur.	Passes test	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.

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