



Material	28975.325
Material description	Xylene (mixture of isomers)
Grade	AnalaR NORMAPUR ACS, Reag. Ph. Eur.
Lot	23D174013
Expires end of	2028-Apr-13
CAS Number	1330-20-7

Characteristics	Specifications	Measured values
Assay (mix of 3 isomers + ethylbenzene)	≥ 98.5 %	99.0 %
IR Spectrum	Passes test	Passes test
Acidity or alkalinity	≤ 0.0002 meq/g	≤ 0.0002 meq/g
Boiling point	137 - 141 °C	139 °C
Colouration	≤ 10 APHA	≤ 10 APHA
Density (20/4)	0.865 - 0.867	0.866
Density (20/20)	0.866 - 0.869	0.868
Refractive index (20°C)	1.495 - 1.499	1.498
Substances coloured by H ₂ SO ₄	≤ 1600 APHA	≤ 1600 APHA
Benzene	≤ 0.02 %	≤ 0.02 %
Ethylbenzene	≤ 25 %	14 %
Evaporation residue	≤ 10 ppm	1 ppm
Sulphur compounds (as S)	≤ 5 ppm	≤ 5 ppm
Thiophene	≤ 1 ppm	≤ 1 ppm
Toluene	≤ 1.0 %	0.3 %
Water	≤ 0.03 %	0.01 %
Al (Aluminium)	≤ 0.05 ppm	≤ 0.05 ppm
B (Boron)	≤ 0.02 ppm	≤ 0.02 ppm
Ba (Barium)	≤ 0.05 ppm	≤ 0.05 ppm
Ca (Calcium)	≤ 0.2 ppm	≤ 0.2 ppm
Cd (Cadmium)	≤ 0.02 ppm	≤ 0.02 ppm
Co (Cobalt)	≤ 0.01 ppm	≤ 0.01 ppm
Cr (Chromium)	≤ 0.02 ppm	≤ 0.02 ppm
Cu (Copper)	≤ 0.02 ppm	≤ 0.02 ppm
Fe (Iron)	≤ 0.05 ppm	≤ 0.05 ppm
Mg (Magnesium)	≤ 0.05 ppm	≤ 0.05 ppm
Mn (Manganese)	≤ 0.05 ppm	≤ 0.05 ppm
Ni (Nickel)	≤ 0.01 ppm	≤ 0.01 ppm

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For Professional use in Laboratory or Manufacturing. Not for use as an Active Pharmaceutical Ingredient or Food or Animal Feed. Suitability and intended use of the product remains the responsibility of the user. 13D3C7.ECCB8C-163B648C



Characteristics	Specifications	Measured values
Pb (Lead)	≤ 0.02 ppm	≤ 0.02 ppm
Sn (Tin)	≤ 0.05 ppm	≤ 0.05 ppm
Zn (Zinc)	≤ 0.05 ppm	≤ 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.

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