

## Xylene (mixture of isomers) AnalAR NORMAPUR® ACS, Reag. Ph. Eur. analytical reagent

Assay (mix of 3 isomers + ethylbenzene) Min. 98.5 %	IR Spectrum.....	Passes test
Acidity or alkalinity..... Max. 0.0002 meq/g	Boiling point.....	137 to 141 °C
Colouration..... Max. 10 APHA	Density (20/4).....	0.865 to 0.867
Density (20/20)..... 0.866 to 0.868	n 20/D.....	1.495 to 1.499
Substances discoloured by H <sub>2</sub> SO <sub>4</sub> ..... Max. 1600 APHA	Benzene.....	Max. 0.02 %
Ethylbenzene..... Max. 25 %	Evaporation residue.....	Max. 10 ppm
Thiophene..... Max. 1 ppm	Toluene.....	Max. 1.0 %
Total S (as SO <sub>4</sub> )..... Max. 5 ppm	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
Pb (Lead)..... Max. 0.02 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

Cat. No.	Pk	Pack type
28975.291	1 l	Glass bottle
28975.325	2,5 l	Glass bottle
28975.360	5 l	Fluorinated plastic bottle
28975.462	25 l	Metal drum
28975.553	200 l	Metal drum

## Xylene (mixture of isomers), anhydrous (max. 0.005% H<sub>2</sub>O) AnalAR NORMAPUR® analytical reagent

Appearance..... Clear colourless liquid	Colour value.....	Max. 10 APHA
Assay (calculated as mixture of isomers) Min. 99.5 %	Residue on evaporation.....	Max. 0.001 %
Water (K.F.)..... Max. 0.005 %	Benzene.....	Max. 0.1 %
Toluene..... Max. 1 %	Thiophene.....	Max. 0.0001 %
Acidity or alkalinity..... Max. 0.0002 meq/g	Al (Aluminium).....	Max. 0.5 ppm
B (Boron)..... Max. 0.02 ppm	Ba (Barium).....	Max. 0.01 ppm
Ca (Calcium)..... Max. 0.5 ppm	Cd (Cadmium).....	Max. 0.05 ppm
Co (Cobalt)..... Max. 0.02 ppm	Cr (Chromium).....	Max. 0.02 ppm
Cu (Copper)..... Max. 0.02 ppm	Fe (Iron).....	Max. 0.1 ppm
Mg (Magnesium)..... Max. 0.1 ppm	Mn (Manganese).....	Max. 0.02 ppm
Ni (Nickel)..... Max. 0.02 ppm	Pb (Lead).....	Max. 0.05 ppm
Sn (Tin)..... Max. 0.1 ppm	Zn (Zinc).....	Max. 0.05 ppm
Total S (Sulphur)..... Max. 5 ppm		

Cat. No.	Pk	Pack type
28976.294	1 l	Glass bottle

## Xylene (mixture of isomers) TECHNICAL

Assay..... Min. 98 %

Cat. No.	Pk	Pack type
28973.294	1 l	Glass bottle
28973.328	2,5 l	Glass bottle
28973.363	5 l	Fluorinated plastic bottle
28973.465	25 l	Metal drum
28973.556	200 l	Metal drum

### o-Xylene

1,2-Dimethylbenzene

#### Danger

H226 H312+H332 H315  
P210 P243 P280 P302+P352 P304+P340 P309+P311

#### CAS 95-47-6

Index 601-022-00-9

EINECS: 202-422-2

UN: 1307

ADR 3,III

Flash Pt: 17 °C (closed cup)

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

M.W. 106.17 g/mol

Density: 0.88 g/cm<sup>3</sup> (20 °C)

Boiling Pt: 144 °C (1013 hPa)

Melting Pt: -25 °C

Storage Temperature: Ambient temperature



### o-Xylene GPR RECTAPUR®

Assay (on anhydrous substance).....	Min. 99 %
IR Spectrum.....	Passes test
Density (20/4).....	0.870 to 0.890

Cat. No.	Pk	Pack type
28979.294	1 l	Glass bottle

### p-Xylene

1,4-Dimethylbenzene

#### Danger

H226 H312+H332 H315  
P210 P243 P280 P302+P352 P304+P340 P309+P311

#### CAS 106-42-3

Index 601-022-00-9

EINECS: 203-396-5

UN: 1307

ADR 3,III

Flash Pt: 25 °C

#### C<sub>8</sub>H<sub>4</sub>(CH<sub>3</sub>)<sub>2</sub>

M.W. 106.17 g/mol

Density: 1.096 g/cm<sup>3</sup> (20 °C)

Boiling Pt: 138.3 °C (1013 hPa)

Melting Pt: 13 °C

Storage Temperature: Ambient temperature



### p-Xylene GPR RECTAPUR®

Assay.....	Min. 99 %
Distillation range.....	137 to 139 °C
Solidification point.....	12 to 14 °C
n 20/D.....	1.496 to 1.498
Evaporation residue.....	Max. 50 ppm

Cat. No.	Pk	Pack type
28984.292	1 l	Glass bottle

### Xylene Brilliant Cyanine G

See Coomassie® Brilliant Blue G-250..... p.121

### Xylène Cyanole

Sodium hydrogen 4-[[4-(ethylamino)-m-toly]]-[4-(ethylimino)-3-methylcyclohexa-2,5-dien-1-ylidene]methyl]benzene-1,3-disulphonate, Acid Blue 147

#### Warning

H319 H335 H315  
P280 P302+P352 P304+P340 P305+P351+P338  
P309+P311

#### CAS 2650-17-1

EINECS: 220-167-5

C<sub>25</sub>H<sub>27</sub>N<sub>2</sub>NaO<sub>6</sub>S<sub>2</sub>

M.W. 538.61 g/mol

Melting Pt: 295 °C

Storage Temperature: Ambient temperature



### VWR CHEMICALS Xylene Cyanole FF, ultrapure

DNase.....	NONE
Em (614 nm, Water).....	3.0000
Identification.....	PASS
Lambda Max.....	612 - 616 nm
Loss on Drying.....	10.0 %
RNase.....	NONE

Cat. No.	Pk	Pack type
0819-20G	20 g	Glass bottle