



# Specification

1.08297.2500 Xylene (isomeric mixture) for analysis EMSURE® ACS,ISO,Reag. Ph Eur

	Specification	
Total assay of C <sub>8</sub> H <sub>10</sub> isomeres (GC)	≥ 98.5	%
Identity (IR)	conforms	
Color	≤ 10	Hazen
Acidity	≤ 0.00025	meq/g
Alkalinity	≤ 0.00025	meq/g
Density (d 20 °C/20 °C)	0.862 - 0.870	
Refractive index (n 20/D)	1.495 - 1.499	
Boiling range (137-142°C)	≥ 95	% (v/v)
Benzene (GC)	≤ 0.1	%
Ethylbenzene (GC)	≤ 25	%
Toluene (GC)	≤ 0.1	%
Sulfur compounds (as S)	≤ 0.003	%
Readily carbonizable substances	conforms	
Thiophene	conforms	
Al (Aluminium)	≤ 0.00005	%
B (Boron)	≤ 0.000002	%
Ba (Barium)	≤ 0.00001	%
Ca (Calcium)	≤ 0.00005	%
Cd (Cadmium)	≤ 0.000005	%
Co (Cobalt)	≤ 0.000002	%
Cr (Chromium)	≤ 0.000002	%
Cu (Copper)	≤ 0.000002	%
Fe (Iron)	≤ 0.00001	%
Mg (Magnesium)	≤ 0.00001	%
Mn (Manganese)	≤ 0.000002	%
Ni (Nickel)	≤ 0.000002	%
Pb (Lead)	≤ 0.00001	%
Sn (Tin)	≤ 0.00001	%
Zn (Zinc)	≤ 0.00001	%
Evaporation residue	≤ 0.002	%
Water	≤ 0.03	%

Conforms to ACS, ISO, Reag Ph Eur

Jeannette David  
Responsible laboratory manager quality control

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