



Specification

1.08325.2500 Toluene for analysis EMSURE® ACS,ISO,Reag. Ph Eur

	Specification	
Purity (GC)	≥ 99.9	%
Identity (IR)	conforms	
Appearance	clear	
Color	≤ 10	Hazen
Acidity	≤ 0.0002	meq/g
Alkalinity	≤ 0.0006	meq/g
Density (d 20 °C/20 °C)	0.865 - 0.870	
Boiling point	109 - 111	°C
Chloride (Cl)	≤ 0.5	ppm
Sulfate (SO ₄)	≤ 1	ppm
Thiophene	≤ 0.0001	%
Sulfur compounds (as S)	≤ 0.003	%
Benzene (GC)	≤ 0.005	%
Readily carbonizable substances	conforms	
Ag (Silver)	≤ 0.000002	%
Al (Aluminium)	≤ 0.00005	%
As (Arsenic)	≤ 0.000002	%
Au (Gold)	≤ 0.00001	%
B (Boron)	≤ 0.000002	%
Ba (Barium)	≤ 0.00001	%
Be (Beryllium)	≤ 0.000002	%
Bi (Bismuth)	≤ 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	%
Ga (Gallium)	≤ 0.000002	%
In (Indium)	≤ 0.000002	%
Li (Lithium)	≤ 0.000002	%
Mg (Magnesium)	≤ 0.00001	%
Mn (Manganese)	≤ 0.000002	%
Mo (Molybdenum)	≤ 0.000005	%
Ni (Nickel)	≤ 0.000002	%
Pb (Lead)	≤ 0.00001	%
Pt (Platinum)	≤ 0.000002	%
Sb (Antimony)	≤ 0.000002	%
Sn (Tin)	≤ 0.00001	%
Ti (Titanium)	≤ 0.000005	%
Tl (Thallium)	≤ 0.000005	%

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V (Vanadium)	≤ 0.000005	%
Zn (Zinc)	≤ 0.00001	%
Zr (Zirconium)	≤ 0.000002	%
Evaporation residue	≤ 0.0005	%
Water	≤ 0.03	%

Jeannette David

Responsible laboratory manager quality control

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