



Specification

1.00997.1000 1-Propanol for analysis EMSURE® ACS,Reag. Ph Eur

	Specification	
Purity (GC)	≥ 99.5	%
Identity (IR)	conforms	
Appearance	clear	
Color	≤ 10	Hazen
Solubility in water	conforms	
Acidity	≤ 0.0004	meq/g
Alkalinity	≤ 0.0002	meq/g
Density (d 20 °C/20 °C)	0.802 - 0.806	
Boiling point	96.5 - 98.0	°C
Boiling range (96-99 °C)	≥ 95	% (v/v)
Acetone (GC)	≤ 0.01	%
Ethanol (GC)	≤ 0.01	%
Methanol (GC)	≤ 0.01	%
2-Propanol (GC)	≤ 0.05	%
Aldehydes and ketones (as C ₃ H ₆ O)	≤ 0.03	%
Matter discolored by H ₂ SO ₄	≤ 10	Hazen
Al (Aluminium)	≤ 0.00005	%
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	≤ 0.001	%
Water	≤ 0.05	%

ACS, Ph Eur-reagent

Jeannette David

Responsible laboratory manager quality control

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