



# Specification

1.00859.1000 Ethylene glycol monomethyl ether for analysis EMSURE® ACS,  
Reag. Ph Eur

Specification		
Purity (GC)	≥ 99.5	%
Identity (IR)	conforms	
Appearance	clear	
Color	≤ 10	Hazen
Acidity	≤ 0.001	meq/g
Alkalinity	≤ 0.0005	meq/g
Density (d 20 °C/20 °C)	0.965 - 0.970	
Refractive index (n 20/D)	1.402 - 1.404	
Boiling point	124 - 126	°C
Aldehydes (as C <sub>2</sub> H <sub>4</sub> O)	≤ 0.003	%
Peroxide (as H <sub>2</sub> O <sub>2</sub> )	≤ 0.002	%
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)	≤ 0.00005	%
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	≤ 0.003	%
Water	≤ 0.1	%

The product is stabilized with 2,6-Di-tert-butyl-4-methylphenol (BHT).

Corresponds to ACS, Ph Eur-reagent

Jeannette David

Responsible laboratory manager quality control

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