



Specification

1.00867.1000 Diisopropyl ether for analysis EMSURE® ACS, Reag. Ph Eur

	Specification	
Purity (GC)	≥ 99.0	%
Identity (IR)	conforms	
Appearance	clear	
Color	≤ 10	Hazen
Titration acid	≤ 0.0005	meq/g
Alkalinity	≤ 0.0002	meq/g
Density (d 20 °C/20 °C)	0.723 - 0.728	
Density (d 25 °C/25 °C)	0.716 - 0.721	
Boiling point	67 - 69	°C
Peroxides	conforms	
Peroxide (as H ₂ O ₂)	≤ 0.001	%
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	≤ 0.005	%
Water	≤ 0.05	%

The product is stabilized with about 10 ppm 2,6-Di-tert-butyl-4-methylphenol (BHT).

Jeannette David
Responsible laboratory manager quality control

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