Specification

1.06050.1000 Dichloromethane for analysis EMSURE® ACS,ISO,Reag. Ph Eur

	Specification	
Purity (GC)	≥ 99.8	%
Identity (IR)	conforms	
Appearance	clear	
Color	≤ 10	Hazen
Titrable acid	≤ 0.0002	meq/g
Alkalinity	≤ 0.0002	meq/g
Density (d 20 °C/ 4 °C)	1.324 - 1.326	
Boiling point	39 - 42	°C
Free chlorine (as Cl)	≤ 0.00002	%
Chloride (Cl)	≤ 0.0001	%
Matter discolored by H_2SO_4	≤ 100	Hazen
Chloroform (GC)	≤ 0.005	%
Ethanol (GC)	≤ 0.02	%
Methanol (GC)	≤ 0.1	%
Carbon tetrachloride (GC)	≤ 0.005	%
Fluorescence (as quinine at 365 nm)	≤ 0.002	ppm
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	%
Mo (Molybdenum)	≤ 0.000002	%
Ni (Nickel)	≤ 0.000002	%
Pb (Lead)	≤ 0.00001	%
Sn (Tin)	≤ 0.00001	%
Zn (Zinc)	≤ 0.00001	%
Evaporation residue	≤ 0.001	%
Water	≤ 0.01	%

Stabilized with about 50 ppm 2-Methyl-2-butene.

Jeannette David
Responsible laboratory manager quality control

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