



Material	23354.292
Material description	Dichloromethane
Grade	AnalaR NORMAPUR Stabilized with 0,2% of ethanol
Lot	24C204008
Expires end of	2029-Mar-18
CAS Number	75-09-2
Molecular formula	CH ₂ Cl ₂
Molecular mass	84.93

Characteristics	Specifications	Measured values
Assay (on anhydrous substance)	≥ 99.5 %	99.8 %
Acidity	≤ 0.0005 meq/g	0.0004 meq/g
Boiling point	39.0 - 40.5 °C	39.2 °C
Colouration	≤ 10 APHA	≤ 10 APHA
Density (20/4)	1.322 - 1.327	1.324
Substances coloured by H ₂ SO ₄	≤ 60 APHA	≤ 60 APHA
Carbon tetrachloride	≤ 100 ppm	≤ 100 ppm
Chloroform	≤ 100 ppm	≤ 100 ppm
Ethanol	0.15 - 0.25 %	0.21 %
Evaporation residue	≤ 10 ppm	6 ppm
Free chlorine	≤ 0.3 ppm	≤ 0.3 ppm
Water	≤ 0.02 %	< 0.01 %
Al (Aluminium)	≤ 0.05 ppm	≤ 0.05 ppm
B (Boron)	≤ 0.01 ppm	≤ 0.01 ppm
Ba (Barium)	≤ 0.01 ppm	≤ 0.01 ppm
Ca (Calcium)	≤ 0.2 ppm	≤ 0.2 ppm
Cd (Cadmium)	≤ 0.02 ppm	≤ 0.02 ppm
Co (Cobalt)	≤ 0.01 ppm	≤ 0.01 ppm
Cr (Chromium)	≤ 0.02 ppm	≤ 0.02 ppm
Cu (Copper)	≤ 0.02 ppm	≤ 0.02 ppm
Fe (Iron)	≤ 0.5 ppm	≤ 0.5 ppm
Mg (Magnesium)	≤ 0.05 ppm	≤ 0.05 ppm
Mn (Manganese)	≤ 0.01 ppm	≤ 0.01 ppm
Ni (Nickel)	≤ 0.02 ppm	≤ 0.02 ppm
Pb (Lead)	≤ 0.05 ppm	≤ 0.05 ppm
Sn (Tin)	≤ 0.05 ppm	≤ 0.05 ppm
Zn (Zinc)	≤ 1 ppm	≤ 1 ppm



Signature

We certify that this batch conforms to the specifications listed above.

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