

Technical Datasheet

Article no. 1459

Methanol dried p. a. (min. 99.8 %)

CH₃OH

For laboratory use.

Parameter	Value
Appearance	Colourless liquid
Density (20 °C)	0.790 – 0.793 g/ml
Molar mass	32.04 g/mol
Melting point	-98 °C
Boiling point	64.1 – 65.1 °C
CAS No.	67-56-1
Non-volatile substances	max. 0.001 % w/w
Refractive index (20 °C)	1.328 – 1.330
Water (KF)	max. 0.005 % w/w
Free alkali (as NH ₃)	max. 0.0001 %
Free acids (as HCOOH)	max. 0.002 %
Aluminium (Al)	max. 0.5 mg/kg
Boron (B)	max. 0.02 mg/kg
Barium (Ba)	max. 0.1 mg/kg
Calcium (Ca)	max. 0.5 mg/kg
Cadmium (Cd)	max. 0.05 mg/kg
Cobalt (Co)	max. 0.02 mg/kg
Chromium (Cr)	max. 0.02 mg/kg
Copper (Cu)	max. 0.01 mg/kg
Iron (Fe)	max. 0.1 mg/kg
Magnesium (Mg)	max. 0.1 mg/kg
Manganese (Mn)	max. 0.01 mg/kg
Nickel (Ni)	max. 0.02 mg/kg
Lead (Pb)	max. 0.02 mg/kg
Tin (Sn)	max. 0.1 mg/kg

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Zinc (Zn)	max. 0.1 mg/kg
Chloride (Cl)	max. 0.5 mg/kg
Sulphate (SO ₄)	max. 1 mg/kg
Acetaldehyde (C ₂ H ₄ O)	max. 10 mg/kg
Acetone (CH ₃ COCH ₃)	max. 0.001 %
Ethanol (C ₂ H ₅ OH)	max. 0.1 % w/w
Formaldehyde (HCHO)	max. 100 mg/kg
Substances reducing KMnO ₄ (as O)	max. 2.5 mg/kg
Carbonyl compounds (as CO)	max. 100 mg/kg