

Technical Datasheet

Article No. 1437

**Methanol p. a., ACS, ISO, Ph. Eur.
min. 99.8 % CH₃OH**

For laboratory use.

Parameter	Value
Appearance	colourless liquid
Melting point	-98 °C
Boiling point	64.7 °C
Flash point	11 °C
Density (20 °C)	0.79 g/ml
Molar mass	32.04 g/mol
Non volatile matter	max. 0.001 %
Water	max. 0.05 %
Free alkali	max. 0.00005 %
Free acid	max. 0.002 %
Aluminium (Al)	max. 0.00005 %
Boron (B)	max. 0.000002 %
Barium (Ba)	max. 0.00001 %
Calcium (Ca)	max. 0.00005 %
Cadmium (Cd)	max. 0.000005 %
Cobalt (Co)	max. 0.000002 %
Chromium (Cr)	max. 0.000002 %
Copper (Cu)	max. 0.000001 %
Iron (Fe)	max. 0.00001 %
Magnesium (Mg)	max. 0.00001 %
Manganese (Mn)	max. 0.000001 %
Nickel (Ni)	max. 0.000002 %
Lead (Pb)	max. 0.000002 %
Tin (Sn)	max. 0.00001 %
Zinc (Zn)	max. 0.00001 %

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Chloride (Cl)	max. 0.00005 %
Sulfate (SO ₄)	max. 0.0001 %
Acetaldehyde (C ₂ H ₄ O)	max. 0.001 %
Acetone (CH ₃ COCH ₃)	max. 0.001 %
Ethanol (C ₂ H ₅ OH)	max. 0.1 %
Formaldehyde (CH ₂ O)	max. 0.01 %
Reducing agents	max. 0.00025 %
Carbonyl compounds	max. 0.005 %
Residue on evaporation	max. 0.001 %
Readily carbonizable substances	passes test
Soluble in water	passes test
Colour (APHA)	max. 10
Acidity	max. 0.0003 meq/g
Alkalinity	max. 0.0002 meq/g