

Technical Datasheet

Article No. 1451

Methoxyethanol for analysis
min. 99.5 % C₃H₈O₂

For laboratory use.

Parameter	Value
Appearance	clear colourless liquid
Density (20 °C)	0.962 – 0.968 g/ml
Mol.-Weight	76.10 g/mol
Melting point	- 86 °C
Benzene miscibility	complete
Diethyl ether miscibility	complete
Refractive index (20 °C)	1.4004 - 1.4044
Boiling point	123.5 - 124.5 °C
Water (K.F.)	max. 0.1 %
Residue on evaporation	max. 20 ppm
Acidity (acetic acid)	max. 30 ppm
Alkalinity (NH ₃)	max. 0.85 ppm
Carbonyl Compounds (CO)	max. 25 ppm
Heavy metals (as Pb)	max. 2 ppm
Peroxides (as H ₂ O ₂)	max. 10 ppm
Aluminium (Al)	max. 0.5 ppm
Barium (Ba)	max. 0.1 ppm
Calcium (Ca)	max. 05 ppm
Cadmium (Cd)	max. 0.05 ppm
Cobalt (Co)	max. 0.02 ppm
Chromium (Cr)	max. 0.02 ppm
Cooper (Cu)	max. 0.02 ppm
Iron (Fe)	max. 1 ppm

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Magnesium (Mg)	max. 0.01 ppm
Manganese (Mn)	max. 0.02 ppm
Nickel (Ni)	max. 0.02 ppm
Lead (Pb)	max. 0.1 ppm
Tin (Sn)	max. 0.1 ppm
Zinc (Zn)	max. 0.1 ppm
Assay (GLC)	min. 99.5 %