

Technical Datasheet

Article No. 1443

Methyl ethyl ketone p. a.
min. 99.5 % C₄H₈O

For laboratory use.

Parameter	Value
Appearance	Clear, colourless liquid
Melting point	-86 °C
Boiling point	80 °C
Density	0.802–0.808 g/ml
Mol.- Weight	72.11 g/mol
Refractive index (20 °C)	1.3784–1.3834
Water (KF)	max. 500 mg/kg
Residue on evaporation	max. 10 ppm
Acidity (as CH ₃ COOH)	max. 30 ppm
Aldehydes (as HCHO)	max. 20 ppm
Heavy metals (as Pb)	max. 1 ppm
Substances reducing KMnO ₄	max. 2 ppm
Aluminium (Al)	max. 0.5 ppm
Barium (Ba)	max. 0.1 ppm
Calcium (Ca)	max. 0.5 ppm
Cadmium (Cd)	max. 0.05 ppm
Cobalt (Co)	max. 0.02 ppm
Chromium (Cr)	max. 0.02 ppm
Copper (Cu)	max. 0.02 ppm
Iron (Fe)	max. 0.1 ppm
Magnesium (Mg)	max. 0.1 ppm
Manganese (Mn)	max. 0.02 ppm
Nickel (Ni)	max. 0.02 ppm

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Lead (Pb)	max. 0.1 ppm
Selenium (Se)	max. 0.1 ppm
Zinc (Zn)	max. 0.1 ppm