

# Technical Datasheet

Article No.: 2362

Diethyl ether p. a., Ph. Eur.  
min. 99.5 % (C<sub>2</sub>H<sub>5</sub>)<sub>2</sub>O (stab.)

For laboratory use.

Parameter	Value
Appearance	colourless liquid
Melting point	-16.3 °C
Boiling point	34–35 °C
Flash point	-40 °C
Density	0.714–0.716 g/ml
Mol.-Weight	74.12 g/mol
Refractive index (20°C)	1.350–1.354
Water (KF)	max. 200 ppm
Residue on evaporation	max. 10 ppm
Ethanol (C <sub>2</sub> H <sub>5</sub> OH)	max. 100 ppm
Methanol (CH <sub>3</sub> OH)	max. 200 ppm
Heavy metals (as Pb)	max. 1 ppm
Aluminium (Al)	max. 0.5 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
Lead (Pb)	max. 0.05 ppm

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Parameter	Value
Tin (Sn)	max. 0.1 ppm
Zinc (Zn)	max. 0.1 ppm
Stabilized with appr. 6 ppm BHT	