

Technical Datasheet

Article No. 2335

Dichlorethan p. a.
 min. 99.8 % C₂H₄Cl₂

For laboratory use.

Parameter	Value
Appearance	clear liquid
Melting point	-36 °C
Boiling point	83–84 °C
Molar mass	98.97 g/mol
Density (20 °C)	1.25 g/ml
Identity	complies
Colour (APHA)	max. 10
Refractive index (20 °C)	1.4418–1.4478
Distillation range	82–84 °C
Acidity	max. 0.0003 meq/g
Water (KF)	max. 200 ppm
Residue on evaporation	max. 10 ppm
Free chlorine (Cl ₂)	max. 1 ppm
Total phosphorus (P)	max. 0.5 ppm
Substances reducing KMnO ₄	max. 10 ppm
Total silicon (Si)	max. 0.05 ppm
Total sulphur (S)	max. 0.5 ppm
Calcium (Ca)	max. 0.5 ppm
Copper(Cu)	max. 0.05 ppm
Iron (Fe)	max. 0.1 ppm
Potassium (K)	max. 0.2 ppm
Magnesium (Mg)	max. 0.1 ppm
Sodium (Na)	max. 0.5 ppm

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Parameter	Value
Lead (Pb)	max. 0.02 ppm
Zinc (Zn)	max. 0.2 ppm