

Technical Datasheet

Article no. 435

Water ASTM Type 1, ACS

For laboratory use.

Parameter	Value
Appearance	clear, colourless liquid
Melting point	0 °C
Boiling point	100 °C
Density	1.00 g/ml
Molar mass	18.02 g/mol
Conductivity (25°C)	max. 0.0555 µS/cm
Resistivity (25°C)	min. 18.0 MΩ • cm
Total Organic Carbon (TOC)	max. 50 µg/l
Sodium (Na) I	max. 1 µg/l
Chloride (Cl)	max. 1 µg/l
Silica (SiO ₂)	max. 3 µg/l
Filtered through 0.1 µm	
Heavy metals (as Pb)	max. 0.01 mg/l
Nitrate (NO ₃)	max. 0.4 mg/l
Phosphate (PO ₄)	max. 1 mg/l
Sulphate (SO ₄)	max. 1 mg/l
Oxidizing substances (KMnO ₄)	complies
Not tested for sterility	
Manufactured by treating potable water using a combination of softening, prefiltration, carbon adsorption, reverse osmosis, mixed bed ion-exchange, UV-irradiation and ultra-filtration.	