

# water grades

The ISO standard 3696 defines 3 different grades of water:

Parameter	Grade 1	Grade 2	Grade 3
Conductivity $\mu\text{S}/\text{cm}$ (Temp Corrected)	<0.1	<1.0	<5.0
pH at 25°C	N/A	N/A	5.0-7.0
Oxidizable matter Oxygen (O <sub>2</sub> ) content mg/L	N/A	<0.08	<0.4
Absorbance at 254 nm and 1 cm optical path length, absorbance units	<0.001	<0.01	N/A
Residue after evaporation on heating at 110°C mg/kg	N/A	<1	<2
Silica (SiO <sub>2</sub> ) mg/L	<0.01	<0.02	N/A

DiaSys water purifiers are able to produce water of Grade 2.

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