



WATER, SOIL & WASTEWATER LABORATORY

CLIENT: DEIONIZED WATER co.

SAMPLE NAME: Water Sample.

SAMPLE ID : 202603DB 2401

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Report Date : 29 / 3 / 2026

WATER REPORT

ELEMENT TO BE ANALYSED	RESULTS	UNITS	ACCEPTED LIMITS (acc. to ES 190/2007)
<u>[1] PHYSICAL PARAMETERS:</u>			
- Colour	Colorless	mg/l Pt Co	Colorless
- Turbidity	<0.02	N.T.U	< 1
- Odour	Odourless	Odourless	Odourless
<u>[2] PHYSICOCHEMICAL PARAMETERS:</u>			
- pH	7.03		6.5-8.5
- Conductivity	0.94	μS/cm	< 1200
- Total hardness as (CaCO ₃)	0.2	mg/l	< 500
- Calcium (Ca)	0.1	mg/l	< 140
- Magnesium (Mg)	<0.1	mg/l	< 36
- Bicarbonate (HCO ₃ ⁻)	0.3	mg/l	—
- Total alkalinity as (Ca CO ₃)	0.2	mg/l	< 120
- Bicarbonate alkalinity as (Ca CO ₃)	0.2	mg/l	—
- Carbonate alkalinity as (Ca CO ₃)	0.0	mg/l	—
- Hydroxide alkalinity as (Ca CO ₃)	0.0	mg/l	—
- Sodium [Na ⁺]	0.1	mg/l	< 200
- Potassium [K ⁺]	<0.1	mg/l	< 10
- Chloride [Cl ⁻]	0.2	mg/l	< 250
- Sulphate [SO ₄ ⁻]	<0.1	mg/l	< 250
- Total dissolved solids [TDS]	0.6	mg/l	<1000
<u>[3] UNDESIRABLE SUBSTANCES:</u>			
- Ammonium [NH ₄ ⁺]	<0.01	mg/l	< 0.50
- Nitrates [NO ₃ ⁻]	<0.01	mg/l	< 45
- Nitrite [NO ₂ ⁻]	<0.002	mg/l	< 0.20
- Phosphate [PO ₄]	<0.1	mg/l	< 0.40
- Silica [SiO ₂]	0.03	mg/l	—
- Iron [Fe]	<0.01	mg/l	< 0.30
- Manganese [Mn]	<0.01	mg/l	< 0.40
- Copper [Cu]	<0.01	mg/l	< 2.0
- Zinc [Zn]	<0.01	mg/l	< 3.0
- Total Chlorine [Cl ₂]	<0.02	mg/l	<5.0
- Fluoride [F]	<0.01	mg/l	< 0.80
- Aluminium [Al]	<0.01	mg/l	< 0.20
- Lead [Pb]	<0.01	mg/l	< 0.01

• Test methods used according to APHA 2022, Standard methods for the Examination of water and Wastewater Version 24.

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