

Report ID: TS5537	Sample type: Reverse Osmosis Water
Client: Mellieha Holiday Centre	Sampling location: Reverse Osmosis Product (DEH/PWS 039001)
Client Address: Mellieha Bay, Mellieha	Sampling date/time: 26/09/26 12:00
	Sampling by: Assure Food & Water Safety

	Results	Limit	Method	Comments
Heterotrophic Plate Count (22°C)	<1 cfu/ml	<= 100 cfu/ml	ISO 6222:1999	Result <u>Satisfactory</u> .
Heterotrophic Plate Count (37°C)	<1 cfu/ml	<= 20 cfu/ml	ISO 6222:1999	Result <u>Satisfactory</u> .
Total coliforms	<1 cfu/100ml	<1 cfu/100m	ISO 9308-1:2000	Result <u>Satisfactory</u> .
Escherichia coli	<1 cfu/100ml	<1 cfu/100m	ISO 9308-1:2000	Result <u>Satisfactory</u> .
Enterococci	<1 cfu/100ml	<1 cfu/100m	ISO 7899-2:2000	Result <u>Satisfactory</u> .
<i>Pseudomonas aeruginosa</i>	<1 cfu/100ml	<1 cfu/100m	ISO 16266:2006	Result <u>Satisfactory</u> .

pH	8.08	≥6.5 and ≤9.5	Electronic	Result <u>Satisfactory</u> .
Ammonium – mg/l	<0.50	< 0.5	Comparator	Result <u>Satisfactory</u> .
Colour – colour units	Colourless	Colourless	N/A	Result <u>Satisfactory</u> .
Conductivity - $\mu\text{S cm}^{-1}$	411	2500	Electronic	Result <u>Satisfactory</u> .
Nitrite – mg/l	<0.50	< 0.5	Comparator	Result <u>Satisfactory</u> .
Odour	Acceptable	Acceptable	N/A	Result <u>Satisfactory</u> .
Taste	Acceptable	Acceptable	N/A	Result <u>Satisfactory</u> .
Turbidity - NTU	0.20	< 1.0	Colorimetric	Result <u>Satisfactory</u> .
Chloride – mg/l	119	250	Titrimetric	Result <u>Satisfactory</u> .
Fluoride – mg/l	<0.01	1.5	Fluoride Probe	Result <u>Satisfactory</u> .
Nitrate – mg/l	2.64	50	Spectrophotometric	Result <u>Satisfactory</u> .
Boron – mg/l	0.10	1.5	Spectrophotometric	Result <u>Satisfactory</u> .
Sulphate – mg/l	1.00	200	Spectrophotometric	Result <u>Satisfactory</u> .
Sodium – mg/l	69.0	200	Sodium Probe	Result <u>Satisfactory</u> .
Lead - $\mu\text{g/l}$	<1.00	5.00	Colorimetric	Result <u>Satisfactory</u> .

Action:

Microbiological and Chemical parameters tested comply with LN 297:2023 'Water intended for human consumption Regulations'.



Authorized By:

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Assure Food and Water Safety Consulting

Date: 01/10/2026

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