

Report ID: TS3373	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: 30/06/26 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/100ml	ISO 9308-1:2000	Result <u>Satisfactory</u> .
<i>Escherichia coli</i>	<1 cfu/100ml	<1 cfu/100ml	ISO 9308-1:2000	Result <u>Satisfactory</u> .
Enterococci	<1 cfu/100ml	<1 cfu/100ml	ISO 7899-2:2000	Result <u>Satisfactory</u> .
<i>Pseudomonas aeruginosa</i>	<1 cfu/100ml	<1 cfu/100ml	ISO 16266:2006	Result <u>Satisfactory</u> .

pH	7.42	≥6.5 and ≤9.5	Electronic	Result <u>Satisfactory</u> .
Ammonium – mg/l	<0.50	< 0.5	Colorimetric	Result <u>Satisfactory</u> .
Colour – colour units	Colourless	Colourless	N/A	Result <u>Satisfactory</u> .
Conductivity - $\mu\text{S cm}^{-1}$	508.9	2500	Electronic	Result <u>Satisfactory</u> .
Nitrite – mg/l	<0.50	< 0.5	Colorimetric	Result <u>Satisfactory</u> .
Odour	Acceptable	Acceptable	N/A	Result <u>Satisfactory</u> .
Taste	Acceptable	Acceptable	N/A	Result <u>Satisfactory</u> .
Turbidity - NTU	0.26	< 1.0	Colorimetric	Result <u>Satisfactory</u> .
Chloride – mg/l	143	250	Titrimetric	Result <u>Satisfactory</u> .
Fluoride – mg/l	<0.5	1.5	Fluoride Probe	Result <u>Satisfactory</u> .
Nitrate – mg/l	4.40	50	Spectrophotometric	Result <u>Satisfactory</u> .
Boron – mg/l	<1.00	1.5	Spectrophotometric	Result <u>Satisfactory</u> .
Sulphate – mg/l	2.00	200	Spectrophotometric	Result <u>Satisfactory</u> .
Sodium – mg/l	83.6	200	Sodium Probe	Result <u>Satisfactory</u> .

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



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