



ISO/IEC 17025:2017 Accredited

**(Unit of Bahrain Medical Laboratory)**

Test Report: Chemical/Microbiological Analysis				
Customer	Advanced Vision W.L.L		Report No:	BFWL/03/23
Address	Adliya		Report Date	16-03-2023
Project	-		Date of Test	13-03-2023
Sample	Water		Date of Receipt	13-03-2023
Source	Filter Water		Date Sampled	13-03-2023
Location	Unknown		Sample Id No	LAB #017
Condition of Sample	Satisfactory		Report Status	Completed
Sr. No	Test Parameter	Test Method	Results	Units
<b>Chemical Analysis</b>				
1.	pH @ 25°C	APHA 4500 H <sup>+</sup> B	7.4	
2.	Total Dissolved Solids	APHA 2540 C	1190	mg/L (ppm)
3.	Residual Chlorine	APHA 4500 CL-	2.3	mg/L
4.	Total Suspended Solids	APHA 2540 D	1	mg/L (ppm)
5.	Chloride	PHA 4500 CL*	14.65	mg/L
6.	Sulphate	APHA 4500 S	1.16	mg/L
7.	Phosphate	APHA 4500 P	0.472	mg/L
8.	Calcium	APHA 4500 SO <sub>4</sub> <sup>2-</sup>	19	mg/L
9.	Magnesium	APHA 3500 Mg	11.8	mg/L
10.	Total Hardness	APHA 2340	9.0	mg/L
11.	Total Iron	APHA 3500 Fe	0.20	mg/L
12.	Silicate (Silicic Acid)	APHA 4500	3.65	mg/L
<b>Microbiological Analysis</b>				
<b>Membrane Filter</b>				
1.	Total Aerobic Plate Count	APHA 9215 D	0	CFU/ml
2.	Total Coliforms	APHA 9222 B&D	0	CFU/100ml
3.	E. Coli	APHA 9222 B	0	CFU/100ml
4.	Pseudomonas Aeruginosa	APHA 9213 E	0	CFU/100ml



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**Remarks:**

1. The Bacteriological examination showed that the water sample free from above pathogenic bacteria which indicate that the water sample is bacteriologically of satisfactory quality.
2. Test above mentioned results relate to the sample tested only.
3. Test result shall not be reproduced, except in full without the written approval of the Laboratory.

**Verified by  
Chemist & Microbiologist**

**Approved by  
Quality Manager**