



**AQUACHEK**  
THE WATER TESTING FACILITY  
FROM EUREKA FORBES LTD.  
(AN ISO 9001:2015 CERTIFIED LABORATORY)

**TEST REPORT**

Sample Code No : 202208/1322 P  
Sample Receipt Date : 10.08.2022  
Analysis Date : 10.08.2022 to 13.08.2022  
Date of Report Issue : 13.08.2022  
Customer Ref No / Date : NA

Sample Description: Water  
Sample Type : Drinking Water  
Sample Details : RO Plant Water  
Quantity : 500 ml  
Sample Condition : Satisfactory & Sealed

**ISSUED TO:**

M/s. Bhavan's G. K. Vidyamandir  
Salt Lake, FA - Block, Sector III, Bidhannagar, Kolkata - 700097,  
Mobile: 7003726379

**TEST RESULTS**

PARAMETER TESTED			IS: 10500-2012 Drinking water specification (Second revision)		
Sl. No	PHYSICO-CHEMICAL	UNITS	RESULT	REQUIREMENT (Acceptable Limit)	TEST METHOD
1.	Odour	Agreeable	Agreeable	Agreeable	IS:3025 (Part 05)-1983
2.	Taste	Agreeable	Agreeable	Agreeable	IS:3025 (Part 08)-1984
3.	Turbidity	NTU	0.1	1 (Max Per Limit 5)	IS:3025 (Part 10)-1984
4.	pH value	-	7.12	6.5-8.5 (No Relaxation)	IS:3025 (Part 11)-1983
5.	Total Dissolved Solids	mg/l	30	500 (Max Per Limit 2000)	IS:3025 (Part 16)-1984
6.	Total Hardness as CaCO <sub>3</sub>	mg/l	16.1	200 (Max Per Limit 600)	IS:3025 (Part 21)-2009
7.	Calcium as Ca	mg/l	4.6	75 (Max Per Limit 200)	IS:3025 (Part 40)-1991
8.	Magnesium as Mg	mg/l	BDL (DL = 2.0)	30 (Max Per Limit 100)	IS:3025 (Part 46)-1994
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/l	20	200 (Max Per Limit 600)	IS:3025 (Part 23)-1986
10.	Chloride as Cl	mg/l	BDL (DL = 5.0)	250 (Max Per Limit 1000)	IS:3025 (Part 32)-1988
11.	Total Iron as Fe	mg/l	BDL (DL = 0.05)	1.0 (No Relaxation)	IS:3025 (Part 53)-2003
12.	Fluoride as F	mg/l	BDL (DL = 0.1)	1.0 (Max Per Limit 1.5)	IS:3025 (Part 60)-2008
13.	Sulphate as SO <sub>4</sub>	mg/l	BDL (DL = 5.0)	200 (Max Per Limit 400)	IS:3025 (Part 24)-1986
Sl. No	BACTERIOLOGICAL		RESULT	REQUIREMENT (Acceptable Limit)	TEST METHOD
1.	Total Coliform (MPN/100 mL)		Not Detected	Shall not be detectable in any 100 mL sample	IS:1622-1981
2.	Faecal Coliform (MPN/100 mL)		Not Detected	Shall not be detectable in any 100 mL sample	IS:1622-1981
3.	E. coli in 100 mL of sample		Not Detected	Shall not be detectable in any 100 mL sample	IS:1622-1981

\*BDL = Below Detection Limit; DL = Detection Limit

**Remarks:** The above water sample conforms to Acceptable limit of IS: 10500-2012 (2nd Revision), Drinking Water Specification with respect to the tests conducted.

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