



Omega

CHEMICAL, MICROBIOLOGICAL & CIVIL ENGG. TESTING

TEST HOUSE

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A Government Approved Test House

TEST REPORT

D.No. OTH/D/W/2023	Date: 29.11.2023	Lab No:	OTH25112023W-CH-01	Page-1/1		
Issued to:	Secretary, Society for the care of Blind, Chandigarh.					
Type of Sample:	Water					
Customer's Description of Sample:	Drinking Water					
Quantity:	5 ltr.					
Work Order No.	NA	Dated:	-			
Packing & Markings:	Glass Bottle					
Visible observation:	Clear colorless & Odorless liquid.					
Mode of Receipt of Sample:	By Hand					
Date of Receipt of Sample:	25.11.2023	Period of Analysis:	04 days			
Testing Protocol:	IS:10500 : 2012					
S.No	Characteristic	UNIT	RESULT	Requirement (Acceptable limit)	Permissible Limit	TEST METHOD
1.	Colour	Hazen units	<1	Max. 5	Max. 15	IS : 3025 (P- 4)
2.	Odour	-	Agreeable	Agreeable	Agreeable	IS : 3025 (P- 5)
3.	Taste	-	Agreeable	Agreeable	Agreeable	IS : 3025 (P- 7 & 8)
4.	pH value	-	7.77	6.5 – 8.5	No relaxation	IS : 3025 (P- 11)
5.	Total Dissolved Solids	mg/l	203	Max. 500	Max. 2000	IS : 3025 (P- 16)
6.	Turbidity	NTU	<1	Max. 1	Max. 5	IS : 3025 (P- 10)
7.	Total hardness (as CaCO ₃)	mg/l	117.76	Max. 200	Max. 600	IS : 3025 (P- 21)
8.	Chloride (as Cl)	mg/l	12.63	Max. 250	Max. 1000	IS : 3025 (P- 32)
9.	Iron (as Fe)	mg/l	0.077	Max. 0.3	No relaxation	IS : 3025 (P- 53)
10.	Calcium (as Ca)	mg/l	27.97	Max. 75	Max.200	IS : 3025 (P- 40)
11.	Coliforms organisms	MPN/100 ml	Absent	Shall not be detectable in any 100 ml Sample		IS : 1622:1981
12.	E.coli	-	Absent	Shall not be detectable in any 100 ml Sample		IS : 1622:1981

Opinion: - The Submitted sample of drinking water CONFORMS to BIS Specification IS: 10500: 2012 with respect to the above tests.

**** End of the Report****



Notes: 1. The results relate to the sample supplied by client for testing.

2. Sample consumed in testing.

3. The client said for the above test only.

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