

**LABIOTICS (Food And Water Testing Laboratory)**

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TEST REPORT

Customer Name	Dattakala Shikshan Sanstha		
Customer Address	Swami Chincholi, Tal- Daund Dist-Pune		
Sample Details	Dam Water	Sample Received date	11.03.2023
Sample Code	23-150	Date of Analysis	11.03.2023-14.03.2023
Sample Quantity	1 liter	Batch No	--
Collection Method	Given by customer	Mfg. Date	--
Report Ref No	LB/W/23/03/150	Report Date	14.03.2023

RESULT TABLE**I. PHYSICAL ANALYSIS**

Sr. No	Test Parameters	Unit	Result	Desirable limits as per IS 10500-2012	Test Method
1	Color	Unit	1	5	IS 3025 (P-4)-1983 RA 2021
2	Odor	Agreeable	Agreeable	Agreeable	IS3025 (P-5)-1983 RA 2021
3	Turbidity	NTU	1	5	IS 3025(P10)-1984 RA 2017
4	pH	-	7.05	6.5-8.5	IS 3025 (PII)-1983 CL2 RA.2017
5	Conductivity	mS/cm	0.99	Not given in IS	IS 3025(P14)-2013RA2019

II. CHEMICAL ANALYSIS

Sr. No	Test Parameters	Unit	Result	Desirable limits	Test Method
1	Total Hardness (as CaCO ₃)	mg/lit	162	200	IS 3025 (P-21)-2009 CL2 RA 2019
2	Calcium Hardness (as Ca)	mg/lit	38	75	IS 3025 Part 40-1991 CL5 RA 2019
3	Magnesium hardness	mg/lit	16	30	IS 3025 (P46) 1994 RA 2019
4	Total Dissolved Solids	mg/lit	495	500	IS 3025 (P16)1984 CL1 RA 2017
5	Chlorides as (Cl ⁻)	mg/lit	137	250	IS 3025 Part 32-1988 CL2 RA 2019
6	Sulphate as (SO ₄ ⁻)	mg/lit	15	200	IS 3025 (P24) 1984 RA 2019
7	Total Alkalinity	mg/lit	197	200	IS 3025 (P 23)-1986 CL1 RA 2019

III. MICROBIOLOGICAL ANALYSIS				
Sr. No	Test Parameters	Result	Desirable limits	Test Method
1	Total Coliforms (MPN)	Nil	Absent / 100 ml	IS 1622-1981(RA 2019)
2	<i>E. coli</i>	Absent	Absent	IS 1622-1981(RA 2019)

Remark: Based on test results of above parameters the water sample is **considered Suitable for drinking purpose.**

Note: - The report cannot be used for court purpose, we are not responsible for any legal matter.

-----End of Report-----

