

Memo No:- 210

Date:- 11/03/2024

Certificate  
No: TC-12380

**Subject : Physical / Chemical Examination Report of Water Sample**

Sample ID/Classification : KTL/04488/3/2024 / Private	<b>Sample Details</b>	<b>Date &amp; Time</b>
Sender : THE GIRLS GURUKUL, KALAYAT28787	Collected By	THE GIRLS GURU...
Location : , KHERI LAMBA ROAD	Collection Date	04/03/2024 at 13:07
Sample Description : Drinking Water	Received at lab	05/03/2024 at 16:32
Latitude / Longitude : 76.230054 / 29.699050	Analysis Start Date	06/03/2024
	Analysis End Date	07/03/2024
	Sample Quantity	1000 ML

**Test Result (As Per BIS 10500 :2012)**

S.No.	Tested Parameter	Result	Requirement (Acceptable Limit)	Permissible Lmt. (In the Absence of Alternate Source)	Protocol Used
1	Total Dissolved Solids @ 180°C ± 2°C	131.0	500 mg/lit.	2000 mg/lit.	APHA 24th Edition -2540 C / IS:3025 (Part-16):2023
2	Total Hardness as CaCo3	25.0	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2340 C / IS:3025 (Part-21):2009
3	Calcium as Ca	<4.0	75 mg/lit.	200 mg/lit.	APHA 24th Edition-3500-Ca B/ IS:3025 (Part-40):1991
4	Magnesium as Mg	4.62	30 mg/lit.	100 mg/lit.	APHA 24th Edition 3500 Mg B / IS:3025 (Part-46):1994
5	Iron as Fe	<0.04	1.0 mg/lit.	1.0 mg/lit.	USEPA
6	Chloride as Cl	14.57	250 mg/lit.	1000 mg/lit.	APHA 24th Edition -4500 Cl-B / IS:3025 (Part-32):1988
7	Sulphate as So4	27.95	200 mg/lit.	400 mg/lit.	USEPA
8	Fluoride as F	0.40	1.0 mg/lit.	1.5 mg/lit.	APHA 24th Edition-4500F C /IS 3025 Part 60: 2008
9	Nitrate as No3	1.41	45 mg/lit.	45 mg/lit.	APHA 24th Edition -4500 NO3 B
10	pH @ 25°C	7.62	6.5 - 8.5	6.5 - 8.5	APHA 24th Edition 4500-H+ B
11	Total Alkalinity	63.70	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2320 B / IS:3025 (Part-23):1986
12	Color	5.0	5 Hazen Units	15 Hazen Units	APHA 24th Edition-2120B /IS 3025 (Part- 4) : 2021
13	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5) : 2018
14	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8) :2023
15	Turbidity	0.57	1 NTU	5 NTU	APHA 24th Edition -2130 B /IS:3025 (Part-10):1984

**Remarks :-**

- \* The Results Given above are related to the sample as received and tested in PHED KAITHAL Lab.
- \* The test report can't be regenerated in whole or part there of without written permission of Competent Authority.
- \* The test report can't be used for any publicity or any legal purpose.
- \* Reliability of water sample sample lies with sender/collector of water sample.
- \* To check the sample report online Scan the QR Code below.
- \* The test samples meant for chemical analysis will be disposed off after 15 days from the data of issue of test report unless until specifically requested by the customer for retaining over a longer period.



Sample analyzed by :

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