

Memo No:- 1315

Date:- 09/09/2024

Certificate
No: TC-12380

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification :	KTL/03189/9/2024 / Private	Sample Details	Date & Time
Sender :	SHANTI NIKETAN SEN SEC SCHOOL PEEDAL	Collected By	VIJAY KAUSHIK
Location :	, vpo peedal	Collection Date	05/09/2024 at 11:23
Sample Description :	Drinking Water	Received at lab	06/09/2024 at 13:19
Latitude / Longitude :	76.353635 / 30.000298	Analysis Start Date	06/09/2024
		Analysis End Date	09/09/2024
		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	487.0	500 mg/lit.	2000 mg/lit.	APHA 24th Edition -2540 C / IS:3025 (Part-16):2023
2	Total Hardness as CaCO ₃	225.0	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2340 C / IS:3025 (Part-21):2009
3	Calcium as Ca	28.06	75 mg/lit.	200 mg/lit.	APHA 24th Edition-3500-Ca B/ IS:3025 (Part-40):1991
4	Magnesium as Mg	37.66	30 mg/lit.	100 mg/lit.	APHA 24th Edition 3500 Mg B / IS:3025 (Part-46):1994
5	Iron as Fe	0.07	1.0 mg/lit.	1.0 mg/lit.	USEPA
6	Chloride as Cl	28.71	250 mg/lit.	1000 mg/lit.	APHA 24th Edition -4500 Cl-B / IS:3025 (Part-32):1988
7	Sulphate as SO ₄	37.40	200 mg/lit.	400 mg/lit.	USEPA
8	Fluoride as F	0.48	1.0 mg/lit.	1.5 mg/lit.	APHA 24th Edition-4500F C /IS 3025 Part 60: 2008
9	Nitrate as NO ₃	<1.0	45 mg/lit.	45 mg/lit.	APHA 24th Edition -4500 NO ₃ B
10	pH @ 25°C	7.58	6.5 - 8.5	6.5 - 8.5	APHA 24th Edition 4500-H+ B
11	Total Alkalinity	450.0	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	<0.20	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 7 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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