

Memo No:- 269

Date:- 13/02/2026

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

HC-398

Sample ID/Classification : HSR/08247/2/2026 / Private	Sample Details	Date & Time
Sender : GURU TEGH BAHADUR SCHOOL HANSI	Collected By	RAMAN KUMAR
Location : , HANSI	Collection Date	12/02/2026 at 12:30
Sample Description : Drinking Water	Received at lab	12/02/2026 at 16:39
Latitude / Longitude : 75.964435 / 29.097182	Analysis Start Date	12/02/2026
	Analysis End Date	13/02/2026
	Sample Quantity	2 Ltr.

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	Turbidity	0.39	1 NTU	5 NTU	APHA 24th Edition -2130 B : 2023
2	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8) : 2023
3	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5) : 2018
4	Color	5	5 Hazen Units	15 Hazen Units	APHA 24th Edition -2120-B : 2023
5	Total Dissolved Solids @ 180°C ± 2°C	216	500 mg/lt.	2000 mg/lt.	APHA 24th Edition -2540 C : 2023
6	Total Hardness as CaCO ₃	96.4	200 mg/lt.	600 mg/lt.	APHA 24th Edition -2340 C : 2023
7	Calcium as Ca	30.30	75 mg/lt.	200 mg/lt.	APHA 24th Edition-3500-Ca B : 2023
8	Magnesium as Mg	5.05	30 mg/lt.	100 mg/lt.	APHA 24th Edition -3500 Mg B : 2023
9	Total Alkalinity	84.4	200 mg/lt.	600 mg/lt.	APHA 24th Edition -2320 B : 2023
10	Chloride as Cl	51.05	250 mg/lt.	1000 mg/lt.	APHA 24th Edition -4500 Cl-B : 2023
11	Sulphate as So ₄	42	200 mg/lt.	400 mg/lt.	APHA 24th -4500 SO ₄ -E : 2023
12	Fluoride as F	0.25	1.0 mg/lt.	1.5 mg/lt.	APHA 24th Edition-4500F C : 2023
13	Iron as Fe	0.01	1.0 mg/lt.	1.0 mg/lt.	USEPA 45(126-43459) : 2018
14	Nitrate as No ₃	0.8	45 mg/lt.	45 mg/lt.	APHA 24th Edition -4500 NO ₃ D : 2023
15	pH @ 25°C	6.89	6.5 - 8.5	6.5 - 8.5	APHA 24th Edition 4500-H+ B : 2023

Remarks :-

- * The Results Given above are related to the sample as received and tested in PHED HISAR 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.

Water Sample has been found "**CONFORMING**" to Limits set in BIS10500:2012 for the tested parameters.



Sample analyzed by :

Priyanka

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