

Memo No:- 349

Date:- 18/02/2025

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification : HSR/11559/2/2025 / Private	Sample Details	Date & Time
Sender : GAYATRI PUBLIC SCHOOL	Collected By	rajender
Location : , sulkhani	Collection Date	14/02/2025 at 11:32
Sample Description : Drinking Water	Received at lab	17/02/2025 at 16:46
Latitude / Longitude : 75.846434 / 29.239975	Analysis Start Date	17/02/2025
	Analysis End Date	18/02/2025
	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	Total Dissolved Solids @ 180°C ± 2°C	190	500 mg/lit.	2000 mg/lit.	APHA 24th Edition -2540 C
2	Total Hardness as CaCO ₃	67.6	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2340 C
3	Calcium as Ca	13.30	75 mg/lit.	200 mg/lit.	APHA 24th Edition-3500-Ca B
4	Magnesium as Mg	8.35	30 mg/lit.	100 mg/lit.	APHA 24th Edition -3500 Mg B
5	Total Alkalinity	53.6	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2320 B
6	Chloride as Cl	42.54	250 mg/lit.	1000 mg/lit.	APHA 24th Edition -4500 Cl-B
7	Sulphate as So ₄	8	200 mg/lit.	400 mg/lit.	USEPA / APHA 24th -4500 SO ₄ -E
8	Fluoride as F	0.0392	1.0 mg/lit.	1.5 mg/lit.	APHA 24th Edition-4500F C/
9	Iron as Fe	0.19	1.0 mg/lit.	1.0 mg/lit.	USEPA
10	Nitrate as NO ₃	1.5	45 mg/lit.	45 mg/lit.	APHA 24th Edition -4500 NO ₃ D
11	pH @ 25°C	6.87	6.5 - 8.5	6.5 - 8.5	APHA 24th Edition 4500-H+ B

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 :

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