

Memo No:- 674

Date:- 10/04/2026

HC-21

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification : HSR/00165/4/2026 / Private	Sample Details	Date & Time
Sender : GREEN VALLEY PUBLIC SR. SEC. SCHOOL	Collected By	AZAD SINGH
Location : , GREEN VALLEY PUBLIC SR. SEC. SCHOOL GADLI ROAD C	Collection Date	08/04/2026 at 13:31
Sample Description : Drinking Water	Received at lab	08/04/2026 at 16:29
Latitude / Longitude : 75.361662 / 29.298039	Analysis Start Date	08/04/2026
	Analysis End Date	10/04/2026
	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	0.40	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	194	500 mg/l.	2000 mg/l.	APHA 24th Edition -2540 C : 2023
6	Total Hardness as CaCo3	111.2	200 mg/l.	600 mg/l.	APHA 24th Edition -2340 C : 2023
7	Calcium as Ca	29.50	75 mg/l.	200 mg/l.	APHA 24th Edition-3500-Ca B : 2023
8	Magnesium as Mg	8.65	30 mg/l.	100 mg/l.	APHA 24th Edition -3500 Mg B : 2023
9	Total Alkalinity	68.8	200 mg/l.	600 mg/l.	APHA 24th Edition -2320 B : 2023
10	Chloride as Cl	42.54	250 mg/l.	1000 mg/l.	APHA 24th Edition -4500 Cl-B : 2023
11	Sulphate as So4	45	200 mg/l.	400 mg/l.	APHA 24th -4500 SO4-E : 2023
12	Fluoride as F	0.24	1.0 mg/l.	1.5 mg/l.	APHA 24th Edition-4500F C : 2023
13	Iron as Fe	0.01	1.0 mg/l.	1.0 mg/l.	USEPA 45(126-43459) : 2018
14	Nitrate as No3	0.7	45 mg/l.	45 mg/l.	APHA 24th Edition -4500 NO3 D : 2023
15	pH @ 25°C	7.11	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.



Sample analyzed by : *Priyanka*

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