

Memo No:- 1983

Date:- 13/08/2025

Subject : Physical / Chemical Examination Report of Water Sample

HG-049

Sample ID/Classification : HSR/04712/8/2025 / Private		Sample Details	Date & Time
Sender :	INDIAN PUBLIC SCHOOL	Collected By	by school
Location :	SULTANPUR	Collection Date	12/08/2025 at 10:36
Sample Description :	Drinking Water	Received at lab	12/08/2025 at 15:23
Latitude / Longitude :	75.864007 / 29.032514	Analysis Start Date	12/08/2025
		Analysis End Date	13/08/2025
		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	Turbidity	0.21	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	495	500 mg/l.	2000 mg/l.	APHA 24th Edition -2540 C : 2023
6	Total Hardness as CaCo3	450.4	200 mg/l.	600 mg/l.	APHA 24th Edition -2340 C : 2023
7	Calcium as Ca	37.35	75 mg/l.	200 mg/l.	APHA 24th Edition-3500-Ca B : 2023
8	Magnesium as Mg	86.79	30 mg/l.	100 mg/l.	APHA 24th Edition -3500 Mg B : 2023
9	Total Alkalinity	316.4	200 mg/l.	600 mg/l.	APHA 24th Edition -2320 B : 2023
10	Chloride as Cl	311.96	250 mg/l.	1000 mg/l.	APHA 24th Edition -4500 Cl-B : 2023
11	Sulphate as So4	72	200 mg/l.	400 mg/l.	APHA 24th -4500 SO4-E : 2023
12	Fluoride as F	2.1	1.0 mg/l.	1.5 mg/l.	APHA 24th Edition-4500F C : 2023
13	Iron as Fe	0.02	1.0 mg/l.	1.0 mg/l.	USEPA 45(126-43459) : 2018
14	Nitrate as No3	3.31	45 mg/l.	45 mg/l.	APHA 24th Edition -4500 NO3 D : 2023
15	pH @ 25°C	7.21	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 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 **"NOT CONFORMING"** to Limits set in BIS10500:2012 for the tested parameters.



Sample analyzed by :

*Rajeev Kumar*  
RAJEEV KUMAR, CHEMIST  
DISTRICT WATER TESTING LABORATORY, HISAR  
email:-chemist.hisar@phedharyana.gov.in

*S. S. L.*  
Manager/Secretary  
Indian Public School  
Sultanpur, HISAR

*Joshna*  
Principal  
The Indian Public School  
Sultanpur, HISAR