

# PUBLIC HEALTH ENGINEERING DEPARTMENT

## DISTRICT WATER TESTING LABORATORY, SONIPAT

Website :- <https://phedharyana.gov.in/>

Memo No:- 306

Date:- 23/04/2025

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification :	SNP/00200/4/2025 / Private	Sample Details	Date & Time
Sender :	GOVT. MODEL SANSKRITI SR. SEC. SCHOOL BHAINSWAN	Collected By	DEEPAK DRAWING...
Location :	, VILL-BHAISWAN KHURD , SONIPAT	Collection Date	17/04/2025 at 11:13
Sample Description :	Drinking Water	Received at lab	17/04/2025 at 11:26
Latitude / Longitude :	76.679093 / 29.091808	Analysis Start Date	17/04/2025
		Analysis End Date	18/04/2025
		Sample Quantity	2 ltrs

### 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	0.94	1 NTU	5 NTU	APHA 24th Edition -2130 B
2	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8) : 2023
3	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5) : 2018
4	Color	5.0	5 Hazen Units	15 Hazen Units	APHA 24th Edition-2120-B
5	Total Dissolved Solids @ 180°C ± 2°C	516	500 mg/lit.	2000 mg/lit.	APHA 24th Edition -2540 C
6	Total Hardness as CaCO <sub>3</sub>	286	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2340 C
7	Calcium as Ca	73.75	75 mg/lit.	200 mg/lit.	APHA 24th Edition-3500-Ca B
8	Magnesium as Mg	24.79	30 mg/lit.	100 mg/lit.	APHA 24th Edition -3500 Mg B
9	Total Alkalinity	248	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2320 B
10	Chloride as Cl	71.97	250 mg/lit.	1000 mg/lit.	APHA 24th Edition -4500 Cl-B
11	Sulphate as SO <sub>4</sub>	86	200 mg/lit.	400 mg/lit.	USEPA / APHA 24th -4500 SO <sub>4</sub> -E
12	Fluoride as F	0.76	1.0 mg/lit.	1.5 mg/lit.	APHA 24th Edition-4500F C/
13	Iron as Fe	0.04	1.0 mg/lit.	1.0 mg/lit.	USEPA
14	Nitrate as NO <sub>3</sub>	2.1	45 mg/lit.	45 mg/lit.	APHA 24th Edition -4500 NO <sub>3</sub> D
15	pH @ 25°C	7.83	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 SONIPAT Lab.
- The test report can't be regenerated in whole or part thereof 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 date 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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