

PUBLIC HEALTH ENGINEERING DEPARTMENT

DISTRICT WATER TESTING LABORATORY, SONIPAT

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

Memo No:- 981

Date:- 03/10/2025

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification : SNP/02482/9/2025 / Private	Sample Details	Date & Time
Sender : SHRI RAM KRISHAN SR. SEC. SCHOOL - BHIGAN	Collected By	principal SHRI...
Location : , VPO BHIGAN DIST. SONEPAT	Collection Date	30/09/2025 at 09:23
Sample Description : Drinking Water	Received at lab	30/09/2025 at 09:43
Latitude / Longitude : 77.056898 / 29.070162	Analysis Start Date	30/09/2025
	Analysis End Date	01/10/2025
	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	0.61	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	142	500 mg/lit.	2000 mg/lit.	APHA 24th Edition -2540 C
6	Total Hardness as CaCo3	83.75	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2340 C
7	Calcium as Ca	14.39	75 mg/lit.	200 mg/lit.	APHA 24th Edition-3500-Ca B
8	Magnesium as Mg	11.63	30 mg/lit.	100 mg/lit.	APHA 24th Edition -3500 Mg B
9	Total Alkalinity	43.78	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2320 B
10	Chloride as Cl	13.80	250 mg/lit.	1000 mg/lit.	APHA 24th Edition -4500 Cl-B
11	Sulphate as So4	8	200 mg/lit.	400 mg/lit.	USEPA / APHA 24th -4500 SO4-E
12	Fluoride as F	0.10	1.0 mg/lit.	1.5 mg/lit.	APHA 24th Edition-4500F C/
13	Iron as Fe	0.00	1.0 mg/lit.	1.0 mg/lit.	USEPA
14	Nitrate as No3	0.0	45 mg/lit.	45 mg/lit.	APHA 24th Edition -4500 NO3 D
15	pH @ 25°C	7.56	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 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 :

DEEPIKA ,CHEMIST
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