

PUBLIC HEALTH ENGINEERING DEPARTMENT

DISTRICT WATER TESTING LABORATORY, PANIPAT

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

Memo No:- 253

Date:- 22/04/2026

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification : PPT/00279/4/2026 / Private		Sample Details	Date & Time
Sender :	ARYA SEN. SEC SCHOOL GT. ROAD PANIPAT	Collected By	sanjay sharma
Location :	, ARYA SEN. SEC SCHOOL GT. ROAD PANIPAT	Collection Date	20/04/2026 at 12:02
Sample Description :	Drinking Water	Received at lab	20/04/2026 at 14:23
Latitude / Longitude :	76.968018 / 29.399492	Analysis Start Date	20/04/2026
		Analysis End Date	22/04/2026
		Sample Quantity	1 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	0.12	1 NTU	5 NTU	IS 3025 (Part-10):1984 (RA 2022)/ 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	IS 3025 Part 4: 2021 /APHA 24th Edition -2120 B
5	Total Dissolved Solids @ 180°C ± 2°C	68	500 mg/lt.	2000 mg/lt.	IS 3025 (Part-16) : 2023 /APHA 24th Edition-2540 C
6	Total Hardness as CaCo3	20	200 mg/lt.	600 mg/lt.	IS 3025 (Part-21) : 2009 (RA 2023)/APHA 24th Edition-2340 C
7	Calcium as Ca	4.00	75 mg/lt.	200 mg/lt.	IS 3025 (Part-40) : 1991 (RA 2023)/APHA 24th Edition-3500 Ca B
8	Magnesium as Mg	2.43	30 mg/lt.	100 mg/lt.	IS 3025 (Part-46) : 2023 /APHA 24th Edition- 3500 Mg-B
9	Total Alkalinity	30	200 mg/lt.	600 mg/lt.	IS 3025 (Part-23) : 1986 (RA 2019)/ APHA 24th Edition-2320 B : 2023
10	Chloride as Cl	24.81	250 mg/lt.	1000 mg/lt.	IS 3025 (Part-32) : 1988 (RA 2019)/APHA 24th Edition- 4500-Cl B
11	Sulphate as So4	12	200 mg/lt.	400 mg/lt.	USEPA: 1980
12	Fluoride as F	0.09	1.0 mg/lt.	1.5 mg/lt.	APHA 24th Edition-4500F C/
13	Iron as Fe	0.0	1.0 mg/lt.	1.0 mg/lt.	IS 3025 (Part-53) : 2003 (RA 2019) / APHA 24th Edition-3500-Fe B: 2023
14	Nitrate as No3	0.12	45 mg/lt.	45 mg/lt.	APHA 24th Edition -4500 NO3 D
15	pH @ 25°C	7.21	6.5 - 8.5	6.5 - 8.5	IS 3025 (Part-11) : 2022 / APHA 24th Edition-4500 -H B

Remarks :-

- The Results Given above are related to the sample as received and tested in PHED PANIPAT 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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SUBHASH CHANDER, CHEMIST
DISTRICT WATER TESTING LABORATORY PANIPAT
email:-chemist.panipat@phedharyana.gov.in