

PUBLIC HEALTH ENGINEERING DEPARTMENT

DISTRICT WATER TESTING LABORATORY, PANIPAT

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

Memo No:- 645

Date:- 18/08/2025

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification :	PPT/01526/8/2025 / Private	Sample Details	Date & Time
Sender :	Mrs. Sushma Rawal (GMSSSS Madaluda)	Collected By	Mr. Amit Sharma
Location :	, T/well Govt Model Sanskriti Sr. Sec School Madla	Collection Date	06/08/2025 at 10:01
Sample Description :	Drinking Water	Received at lab	06/08/2025 at 10:21
Latitude / Longitude :	76.809713 / 29.404668	Analysis Start Date	06/08/2025
		Analysis End Date	08/08/2025
		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	0.56	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	608	500 mg/lt.	2000 mg/lt.	IS 3025 (Part-16) : 2023 /APHA 24th Edition-2540 C
6	Total Hardness as CaCO ₃	235	200 mg/lt.	600 mg/lt.	IS 3025 (Part-21) : 2009 (RA 2023)/APHA 24th Edition-2340 C
7	Calcium as Ca	44.08	75 mg/lt.	200 mg/lt.	IS 3025 (Part-40) : 1991 (RA 2023)/APHA 24th Edition-3500 Ca B
8	Magnesium as Mg	30.37	30 mg/lt.	100 mg/lt.	IS 3025 (Part-46) : 2023 /APHA 24th Edition-.3500 Mg-B
9	Total Alkalinity	490	200 mg/lt.	600 mg/lt.	IS 3025 (Part-23) : 1986 (RA 2019)/ APHA 24th Edition-2320 B : 2023
10	Chloride as Cl	56.72	250 mg/lt.	1000 mg/lt.	IS 3025 (Part-32) : 1988 (RA 2019)/APHA 24th Edition- 4500-Cl B
11	Sulphate as So ₄	100	200 mg/lt.	400 mg/lt.	USEPA: 1980
12	Fluoride as F	1.45	1.0 mg/lt.	1.5 mg/lt.	APHA 24th Edition-4500F C/
13	Iron as Fe	0.06	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 NO ₃	30.2	45 mg/lt.	45 mg/lt.	APHA 24th Edition -4500 NO ₃ D
15	pH @ 25°C	7.75	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 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 :

SATISH KUMAR CHEMIST
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