



PUBLIC HEALTH ENGINEERING DEPARTMENT

DISTRICT WATER TESTING LABORATORY, PALWAL

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

Memo No:- 874

Date:- 20/05/2026

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification : PWL/01597/5/2026 / Private	Sample Details	Date & Time
Sender : DHARAM PUBLIC SCHOOL	Collected By	MANOJ KUMAR
Location : , BYE PASS ROAD, PALWAL	Collection Date	15/05/2026 at 12:42
Sample Description : Drinking Water	Received at lab	15/05/2026 at 15:39
Latitude / Longitude : 77.325862 / 28.159205	Analysis Start Date	15/05/2026
	Analysis End Date	15/05/2026
	Sample Quantity	2000ml

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	<1	1 NTU	5 NTU	APHA 24th Edition -2130 B
2	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8) 1984: RA 2023
3	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5) 1983: 2018
4	Color	<5	5 Hazen Units	15 Hazen Units	APHA 24th Edition-2120 B
5	Total Dissolved Solids @ 180°C ± 2°C	890	500 mg/lt.	2000 mg/lt.	APHA 24th Edition -2540 C
6	Total Hardness as CaCo3	220	200 mg/lt.	600 mg/lt.	APHA 24th Edition -2340 C
7	Calcium as Ca	43.28	75 mg/lt.	200 mg/lt.	APHA 24th Edition-3500-Ca B
8	Magnesium as Mg	27.21	30 mg/lt.	100 mg/lt.	APHA 24th Edition -3500 -Mg B
9	Total Alkalinity	150	200 mg/lt.	600 mg/lt.	APHA 24th Edition -2320 B
10	Chloride as Cl	205.93	250 mg/lt.	1000 mg/lt.	APHA 24th Edition -4500 Cl-B
11	Sulphate as So4	70	200 mg/lt.	400 mg/lt.	APHA 24th Edition-4500 SO4-E
12	Fluoride as F	0.81	1.0 mg/lt.	1.5 mg/lt.	APHA 24th Edition-4500-F-D
13	Iron as Fe	0.10	1.0 mg/lt.	1.0 mg/lt.	APHA 24th Edition-3500-Fe B
14	Nitrate as No3	7.5	45 mg/lt.	45 mg/lt.	APHA 24th Edition-4500-NO3- D
15	pH @ 25°C	7.10	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 PALWAL 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 :

Vandana
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ATTESTED

Principal
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