

Memo No:- 170

Date:- 16/02/2026

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification : PWL/07448/2/2026 / Private	Sample Details	Date & Time
Sender : Modish Public School	Collected By	Mahesh Kumar
Location : , Garhi Vinoda	Collection Date	11/02/2026 at 15:07
Sample Description : Drinking Water	Received at lab	14/02/2026 at 10:43
Latitude / Longitude : 77.229724 / 28.052894	Analysis Start Date	13/02/2026
	Analysis End Date	13/02/2026
	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	340	500 mg/lit.	2000 mg/lit.	APHA 24th Edition -2540 C
6	Total Hardness as CaCo3	69.3	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2340 C
7	Calcium as Ca	12.69	75 mg/lit.	200 mg/lit.	APHA 24th Edition-3500-Ca B
8	Magnesium as Mg	9.14	30 mg/lit.	100 mg/lit.	APHA 24th Edition -3500 -Mg B
9	Total Alkalinity	47.5	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2320 B
10	Chloride as Cl	57.15	250 mg/lit.	1000 mg/lit.	APHA 24th Edition -4500 Cl-B
11	Sulphate as So4	25	200 mg/lit.	400 mg/lit.	APHA 24th Edition-4500 SO4-E
12	Fluoride as F	0.31	1.0 mg/lit.	1.5 mg/lit.	APHA 24th Edition-4500-F-D
13	Iron as Fe	0.10	1.0 mg/lit.	1.0 mg/lit.	APHA 24th Edition-3500-Fe B
14	Nitrate as No3	3.9	45 mg/lit.	45 mg/lit.	APHA 24th Edition-4500-NO3- D
15	pH @ 25°C	7.09	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 :

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