

Memo No:- 576

Date:- 08/07/2025

Subject: Physical / Chemical Examination Report of Water Sample

Sample ID/Classification : PPT/01021/7/2025 / Private		Sample Details		Date & Time	
Sender : The principal		Collected By		Principal	
Location : PM shri gsss jalapurti-1st		Collection Date		01/07/2025 at 14:25	
		Received at lab		07/07/2025 at 10:20	
Sample Description : Drinking Water		Analysis Start Date		07/07/2025	
		Analysis End Date		08/07/2025	
Latitude / Longitude : 77.099936 / 29.369766		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	0.39	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	422	500 mg/lt.	2000 mg/lt.	IS 3025 (Part-16) : 2023 /APHA 24th Edition-2540 C
6	Total Hardness as CaCo3	225	200 mg/lt.	600 mg/lt.	IS 3025 (Part-21) : 2009 (RA 2023)/APHA 24th Edition-2340 C
7	Calcium as Ca	46.09	75 mg/lt.	200 mg/lt.	IS 3025 (Part-40) : 1991 (RA 2023)/APHA 24th Edition-3500 Ca B
8	Magnesium as Mg	26.73	30 mg/lt.	100 mg/lt.	IS 3025 (Part-46) : 2023 /APHA 24th Edition- 3500 Mg-B
9	Total Alkalinity	365	200 mg/lt.	600 mg/lt.	IS 3025 (Part-23) : 1986 (RA 2019)/ APHA 24th Edition-2320 B : 2023
10	Chloride as Cl	35.45	250 mg/lt.	1000 mg/lt.	IS 3025 (Part-32) : 1988 (RA 2019)/APHA 24th Edition- 4500-Cl B
11	Sulphate as So4	90	200 mg/lt.	400 mg/lt.	USEPA: 1980
12	Fluoride as F	0.66	1.0 mg/lt.	1.5 mg/lt.	APHA 24th Edition-4500F C/
13	Iron as Fe	0.01	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	0.1	45 mg/lt.	45 mg/lt.	APHA 24th Edition -4500 NO3 D
15	pH @ 25°C	8.38	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 date 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 Water tested parameters.



Sample analyzed by :

SATISH KUMAR, CHEMIST
DISTRICT WATER TESTING LABORATORY PANIPAT
email:- chemist.panipat@phedharyana.gov.in