



# OFFICE OF THE CHEMIST

PUBLIC HEALTH ENGINEERING DEPARTMENT DRINKING WATER TESTING LABORATORY, PALWAL  
9MLD STP, JODHPUR ROAD, PALWAL, HARYANA - 121102

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TC-4091

## TEST REPORT

<b>Customer Name &amp; Contact Information : →</b> The Discovery International School Test Report No. : → PWL/00404/4/2025 Reference No. : → dt. 21/04/2025 Sample Type : → R.O.Water Test Type : → Physical & Chemical Test Classification of Sample : → Private Sample Description : → Drinking Water Lab Job Order No. : → V-7	<b>Location: → --Pirthla, Palwal</b> Sample collected by: → Raj Kumar Sample Quantity : → 2000 ml Sample collected Date & Time : → 01/05/2025 at 10:00 Sample received Date & Time : → 01/05/2025 at 10:30 Date of Analysis Started : → 01/05/2025 Date of Analysis Completed : → 01/05/2025 Issue Date of Report: - 02/05/2025 Addition/Deviation/ Exclusions from the method : - NA Environmental Condition:- Temp. (°C) : 25° ± 5° RH (%) : 60 ± 15%
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### Test Result

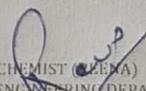
Sr. No.	Tested Parameter	Results	Unit	Method	As per IS 10500:2012 RA 2018	
					Acceptable	Permissible Limit
1.	Turbidity	<1	NTU	APHA 24th Edition-2130-B	1 NTU	5 NTU
2.	Taste	Agreeable	---	IS 3025 (Part-8)1984:RA 2023	Agreeable	Agreeable
3.	Odour	Agreeable	---	IS 3025 (Part-5) 1983:2018	Agreeable	Agreeable
4.	Colour	<5	CU	APHA 24th Edition-2120 - B	5 CU	15 CU
5.	Total Dissolve Solids (180°C ± 2°C)	115	mg/l	APHA 24th Edition-2540 C	500 mg/l	2000 mg/l
6.	Total Hardness as CaCO <sub>3</sub>	30	mg/l	APHA 24th Edition-2340 C	200 mg/l	600 mg/l
7.	Calcium as (Ca)	6.41	mg/l	APHA 24th Edition-3500-Ca B	75 mg/l	200 mg/l
8.	Magnesium (Mg)	3.40	mg/l	APHA 24th Edition-3500Mg B	30 mg/l	100 mg/l
9.	Total Alkalinity	20	mg/l	APHA 24th Edition-2320 B	200 mg/l	600 mg/l
10.	Chlorides as Cl	21.99	mg/l	APHA 24th Edition-4500 Cl B	250 mg/l	1000 mg/l
11.	Sulphate as (SO <sub>4</sub> )	15	mg/l	APHA 24th Edition-4500-SO <sub>4</sub> <sup>2-</sup> E	200 mg/l	400 mg/l
12.	Fluoride as (F)	0.12	mg/l	APHA 24th Edition-4500-F D	1.0 mg/l	1.5 mg/l
13.	Iron as (Fe)	0.10	mg/l	APHA 24th Edition-3500-Fe B	1.0 mg/l	No Relaxation
14.	Nitrate as (NO <sub>3</sub> )	3.5	mg/l	APHA 24th Edition-4500-No3 - D	45 mg/l	No Relaxation
15.	pH (@25°C)	6.79	---	APHA 24th Edition-4500-H B	6.5-8.5	No Relaxation

Remarks: -

Specific contractual notes: -

- ◆ The results given above are related to the sample as received and tested in PHED Lab PALWAL.
- ◆ The test report can't be regenerated/ re-produced in whole or part thereof without written permission of PHED Lab PALWAL.
- ◆ 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.
- ◆ The samples will be destroyed after retention time of 15 days unless specifies otherwise.

Reviewed By - Lab Assistant

  
 CHEMIST (LEMA)  
 PUBLIC HEALTH ENGINEERING DEPARTMENT  
 WATER TESTING LABORATORY  
 PALWAL

END OF REPORT

Water is Life Don't Wast It

PHEDPWL7-BF-01