



OFFICE OF THE CHEMIST

PUBLIC HEALTH ENGINEERING DEPARTMENT DRINKING WATER TESTING LABORATORY, PALWAL
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TC-4091

-1TEST REPORT

Issued to : → Govt. Model Sanskrit Sr. Sec. School	Location: → Mirpur Kaurali
Test Report No. : → PWL/00995/5/2024	Collected by: → Tek Chand
Reference No. : → 5/2/24 /dt. 27/05/2024	Sample collected Date & Time : → 27/05/2024 at 2:30
Sample Type : → Submersible	Sample received Date & Time : → 27/05/2024 at 03:30
Test Type : → Chemical Test	Date of Analysis Started : → 28/05/2024
Classification of Sample : → Private	Date of Analysis Completed : → 28/05/2024
Sample Description : → Water Sample Received in food grade plastic bottle at room temperature	Sample Quantity : → 1000 ml
Lab Job Order No.: → V-324	Issue Date of Report: - 29/05/2024
	Addition/Deviation/ Exclusions from the method :- NA

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)	1070	mg/l	APHA 24th Edition-2540 C	500 mg/l	2000 mg/l
6.	Total Hardness as CaCO ₃	300	mg/l	APHA 24th Edition-2340 C	200 mg/l	600 mg/l
7.	Calcium as (Ca)	62.52	mg/l	APHA 24th Edition-3500-Ca B	75 mg/l	200 mg/l
8.	Magnesium (Mg)	34.99	mg/l	APHA 24th Edition-3500Mg B	30 mg/l	100 mg/l
9.	Total Alkalinity	250	mg/l	APHA 24th Edition-2320 B	200 mg/l	600 mg/l
10.	Chlorides as Cl	247.92	mg/l	APHA 24th Edition-4500 Cl- B	250 mg/l	1000 mg/l
11.	Sulphate as (SO ₄)	90	mg/l	APHA 24th Edition-4500-So ₄ ²⁻ E	200 mg/l	400 mg/l
12.	Fluoride as (F)	0.82	mg/l	APHA 24th Edition-4500-F ⁻ D	1.0 mg/l	1.5 mg/l
13.	Iron as (Fe)	0.01	mg/l	APHA 24th Edition-3500-Fe B	1.0 mg/l	No Relaxation
14.	Nitrate as (NO ₃)	8.4	mg/l	APHA 24th Edition-4500-No ₃ - D	45 mg/l	No Relaxation
15.	pH (@25°C)	7.10	---	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.
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- ◆ Reliability of water sample lies with sender/collector of water sample.

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

END OF REPORT

Water is Life. Don't Waste It

PHEDPWL7-8F-01