



OFFICE OF THE CHEMIST

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

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TEST REPORT

Customer Name & Contact Information : →

Sehrawat World

School

Test Report No. : → PWL/02751/7/2025

Reference No. : → SWS/25/7/30/dt.

24/07/2025

Sample Type : → R.O.

Test Type : → Physical & Chemical Test

Classification of Sample : → Departmental

Sample Description : → Drinking Water

Lab Job Order No.: → V-104

Location: → Kondal Road, Hathin

Sample collected by: → Harendar

Sample Quantity : → 2000 ml

Sample collected Date & Time : → 24/07/2025 at 09:00

Sample received Date & Time: → 24/07/2025 at 09:30

Date of Analysis Started : → 24/07/2025

Date of Analysis Completed : → 24/07/2025

Issue Date of Report:- 25/07/2025

Addition/Deviation/ Exclusions from the method :- NA

Environmental Condition:- Temp. (°C) : 25° ± 5°

RH (%) : 60 ± 15%

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) | 180 | mg/l | APHA 24th Edition-2540 C | 500 mg/l | 2000 mg/l |
| 6. | Total Hardness as CaCO ₃ | 40 | mg/l | APHA 24th Edition-2340 C | 200 mg/l | 600 mg/l |
| 7. | Calcium as (Ca) | 8.01 | mg/l | APHA 24th Edition-3500-Ca B | 75 mg/l | 200 mg/l |
| 8. | Magnesium (Mg) | 4.86 | 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 | 27.99 | mg/l | APHA 24th Edition-4500 Cl- B | 250 mg/l | 1000 mg/l |
| 11. | Sulphate as (SO ₄) | 15 | mg/l | APHA 24th Edition-4500-SO ₄ ²⁻ E | 200 mg/l | 400 mg/l |
| 12. | Fluoride as (F) | 0.21 | 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 ₃) | 4.5 | mg/l | APHA 24th Edition-4500-No3 - D | 45 mg/l | No Relaxation |
| 15. | pH (@25°C) | 7.41 | --- | 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

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