

TEST REPORT



TC-11818

ULR No : NA

Test Report No : NDWL050425NA046

Type of Sample : Drinking water

Reference Type : Telephonic

Reference No : Dt.: 04/04/2025

Customer Name	Post Graduate Government College for Girls		
Address	Sector-42, Chandigarh	Period of Sampling	-
Sampling Protocol	NA	Date of Receipt of Sample	05/04/2025
Sample Collection Mode	Sample provided by customer	Period of Analysis	05/04/2025 - 10/04/2025
Testing Location	Permanent Facility	Date of reporting	10/04/2025
Sampling Location	NA		
Sample Description	Clear,colourless liquid.		
Standard/Specifications	IS 10500 : 2021		
Packing, Markings, Seal & Qty.	2 litre Plastic Bottle Marked Drinking Water After RO Outside Staffroom		

RESULTS

1. Chemical Testing

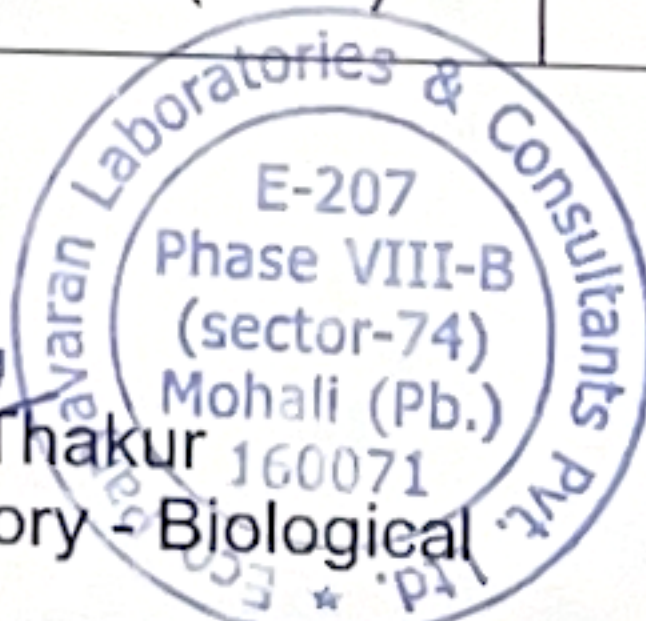
I. Water (Drinking water)

Sr.No	Test Parameter	Unit	Result	Acceptable Limit	Permissible Limit in Absence of Alternate Source	Test Method
1	Colour	CU	BDL (1)	5(Max.)	15(Max.)	IS 3025 (Part 4) CI 2.0
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5)
3	pH @ 25°C	-	7.22	6.5-8.5	No relaxation	IS 3025 (Part 11)
4	Turbidity	NTU	BDL (0.1)	1(Max.)	5(Max.)	IS 3025 (Part 10)
5	Total Dissolved Solids	mg/l	190	500(Max.)	2000(Max.)	IS 3025 (Part 16)
6	Calcium as Ca	mg/l	35	75(Max.)	200(Max.)	IS 3025 (Part 40)
7	Chloride as Cl	mg/l	4.8	250(Max.)	1000(Max.)	IS 3025 (Part 32)
8	Copper as Cu	mg/l	BDL (0.001)	0.05(Max.)	1.5(Max.)	USEPA 3015A
9	Fluoride as F	mg/l	0.15	1.0(Max.)	1.5(Max.)	IS 3025 (Part 60)
10	Iron as Fe	mg/l	BDL (0.001)	1.0(Max.)	No relaxation	USEPA 3015A
11	Magnesium as Mg	mg/l	8.3	30(Max.)	100(Max.)	IS 3025 (Part 46)

Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical

EL-FMT-7.8.2-W

Ms. Lata Thakur
Authorized Signatory- Biological



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12	Nitrate as NO3	mg/l	3.8	45(Max.)	No relaxation	APHA 23rd Ed 4500B UV Screening Method
13	Sulphate as SO4	mg/l	8.6	200(Max.)	400(Max.)	IS 3025 (Part 24) CI 4.0 Turbidity Method
14	Total Alkalinity as CaCO3	mg/l	108	200(Max.)	600(Max.)	IS 3025 (Part 23)
15	Total Hardness as CaCO3	mg/l	122	200(Max.)	600(Max.)	IS 3025 (Part 21)
16	Zinc as Zn	mg/l	BDL (0.001)	5.0(Max.)	15(Max.)	USEPA 3015A
17	Cadmium as Cd	mg/l	BDL (0.001)	0.003(Max.)	No relaxation	USEPA 3015A
18	Cyanide as CN	mg/l	BDL (0.02)	0.05(Max.)	No relaxation	IS 3025 (Part 27)
19	Chromium as Cr	mg/l	BDL (0.001)	0.05(Max.)	No relaxation	USEPA 3015A
20	Lead as Pb	mg/l	BDL (0.001)	0.01(Max.)	No relaxation	USEPA 3015A

3. Biological Testing

III. Water (Drinking water)

Sr.No	Test Parameter	Unit	Result	Acceptable Limit	Permissible Limit in Absence of Alternate Source	Test Method
1	Total Coliform	Present or Absent/100 ml	Absent^	Shall not be detectable in any 100 ml sample	-	IS 15185
2	E.coli.	Present or Absent/100 ml	Absent^	shall not be detectable in any 100 ml sample	-	IS 15185

Remarks : ^The result might be affected due to collection of sample in plastic bottle

End of Report

Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical

Ms. Lata Thakur
Authorized Signatory - Biological