



WATER TESTING LABORATORY
PUBLIC HEALTH ENGINEERING DEPARTMENT
GURGAON ROAD, JHAJJAR, HARYANA-124103
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PHEDJRR 7.8 F-01

Test Report

Report No.:- CH- 1001/2025	ULR No.:- TC-935225000000861
Issue To:- PHESD No. 1(U) Bahadurgarh	Issue Date:- 10.12.2025
Memo No.:- 2592	Sample Description:- Drinking Water
Sample Type:- Chemical Analysis	
Sample Submitted by:- Jai Bhagwan	Sample Received on Date:- 08.12.2025
Sample Location:- W/S Nav Jyoti High School, Badli Road, Pritam Colony, Ward No. 23, Bahadurgarh	Date of Analysis Started:- 10.12.2025
Sample Quantity:- 2 Litre	Date of Analysis Completed:- 10.12.2025

RESULTS

Sr No.	Parameter	Protocol Used	Result	IS:10500:2012(Second Revision)(RA-2018)		Unit
				Desirable limit	Max. Permissible limit (in absence better alternate source)	
1.	Total Dissolved Solids(TDS) at 180°C	APHA 2540 C	115	500	2000	mg/l
2.	Total Hardness as CaCO ₃	APHA 2340 C	80.00	200	600	mg/l
3.	Calcium(as Ca)	APHA 3500 Ca B	21.38	75	200	mg/l
4.	Magnesium (as Mg)	APHA 3500 Mg B	6.48	30	100	mg/l
5.	Chloride(as Cl)	APHA 4500 Cl B	42.40	250	1000	mg/l
6.	Total Alkalinity as CaCO ₃	APHA 2320 B	23.00	200	600	mg/l
7.	Turbidity	APHA 2130 B	Less than 1	1	5	NTU
8.	Colour	IS 3025(Part 4)	1	5	15	HZ
9.	pH at 25°C	APHA4500 B	6.98	6.5-8.5	No relaxation	pH Unit
10.	Odour	IS 3025(Part 5)	Agreeable	Agreeable	Agreeable	Qualitative
11.	Taste	IS 3025(Part 8)	Agreeable	Agreeable	Agreeable	Qualitative
12.	Fluoride (as F)	APHA 4500 F-C	0.16	1.0	1.5	mg/l
13.	Sulfate (as SO ₄)	USEPA:8051	5.33	200	400	mg/l
14.	Nitrate (as NO ₃)	APHA 4500 NO ₃ B	1.41	45	No relaxation	mg/l
15.	Iron (as Fe)	USEPA:8008	Less than 0.02	1.0	No relaxation	mg/l

Notes:

1. The results given above are related to the sample as received and tested in PHED Lab, JHAJJAR. Reliability of samples lies with the sender.
2. The test report can't be regenerated/re-produced in whole or in part without written permission of Laboratory.
3. The test report can't be used for any publicity or any legal purpose.
4. The test samples meant for chemical analysis will be disposed off after 7 days from the date of issue of report unless until specifically requested by the customer for retaining over a longer period.
5. Sample is not drawn by laboratory.

Reviewed by: Ashwani Kumar

Sonia
(Sonia)
Authorized Signatory/Chemist
PHED Water Testing Laboratory,
Jhajjar

END OF TEST REPORT