



Test Report

Memo No:- 3429 Date:- 16.12.2025
Job Order No:- PC11/12/2025
Test Report No:- JND/07349/12/2025
Issued To:- HAPPY SR. SEC.SCHOOL,
NEAR RANI TALAB, OPPOSITE GURUDWARA, JIND
Customer Reference No:- 8361 Dated:- 10.12.2025
Sample Description: Drinking Water
Sample Type: Chemical Analysis
Sample collected on dated: 11.12.2025
Sample Collected by: Party Self
Sample received on dated: 11.12.2025
Sample Location: HAPPY SR. SEC.SCHOOL, JIND
Sample Quantity: 2ltr
Date of Analysis started: 11.12.2025
Dated of analysis completed: 15.12.2025
Issue Date: 16.12.2025

Environmental Conditions:-Temperature (°c) = 25.1 & Humidity (%) = 62

RESULTS

Sr. No.	Parameter	Protocol Used	Results	IS: 10500: 2012 (RA-2023)		Unit
				Desirable limit	Max. Permissible limit (in absence better alternate source)	
1.	Taste	IS 3025(Part8): 2023	Agreeable		Agreeable	—
2.	Odour	IS 3025(Part5): 2018	Agreeable		Agreeable	—
3.	Colour	APHA 24 th edition-2120-B	5.0	5	15	Hazen Unit
4.	Turbidity	APHA 24 th edition -2130 B	<0.2	1	5	NTU
5.	Total Dissolved Solids@180°C±2°C	APHA 24 th edition -2540 C	69	500	2000	mg/L
6.	Total Hardness	APHA 24 th edition -2340 C	16	200	600	mg/L
7.	Calcium (as Ca)	APHA 24 th edition -3500-Ca B	<5.0	75	200	mg/L
8.	Magnesium (as Mg)	APHA 24 th edition -3500 Mg B	<4.86	30	100	mg/L
9.	Total Alkalinity	APHA 24 th edition - 2320 B	18	200	600	mg/L
10.	Chloride (as Cl)	APHA 24 th edition -4500 Cl B	13.09	250	1000	mg/L
11.	Fluoride (as F)	APHA 24 th edition -4500- F C	<0.2	1.0	1.5	mg/L
12.	Sulphate (as So ₄)	APHA 24 th edition -4500-So ₄ E	7	200	400	mg/L
13.	Nitrate (as NO ₃)	APHA 24 th edition -4500-NO ₃ D	<0.5	45	45	mg/L
14.	Iron (as Fe)	APHA 24 th edition -3500-Fe B	<0.02	1.0	1.0	mg/L
15.	pH @25°C	APHA 24 th edition -4500-H ⁺ B	7.18	6.5 to 8.5	No relaxation	—

Notes:

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

Sample analyzed by: Sumit

Reviewed & Approved by

(Virender Singh)
Authorized Signatory/Chemist
PHED Water Testing Laboratory, Jind

END OF TEST REPORT