



DISTRICT WATER TESTING LABORATORY, JIND

Website :- <https://phedharyana.gov.in/>

Memo No:- 3066

Date:- 18/11/2024

Certificate
No: TC-4072

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification :	JND/06908/11/2024 / Private	Sample Details	Date & Time
Sender :	Happy Sr. Sec. School, Jind	Collected By	Satish Lab Att...
Location :	, Near Rani Talab Opp. Gurudwara Jind	Collection Date	09/11/2024 at 10:39
Sample Description :	Drinking Water	Received at lab	11/11/2024 at 13:44
Latitude / Longitude :	76.316724 / 29.312393	Analysis Start Date	11/11/2024
		Analysis End Date	18/11/2024
		Sample Quantity	2ltr

Test Result (As Per BIS 10500 :2012)

S.No.	Tested Parameter	Result	Requirement (Acceptable Limit)	Permissible Lmt. (In the Absence of Alternate Source)	Protocol Used
1	Total Dissolved Solids @ 180°C ± 2°C	361	500 mg/lit.	2000 mg/lit.	APHA 24th Edition-2540 C
2	Total Hardness as CaCO ₃	150.48	200 mg/lit.	600 mg/lit.	APHA 24th Edition-2340 C
3	Calcium as Ca	19.05	75 mg/lit.	200 mg/lit.	APHA 24th Edition-3500-Ca B
4	Magnesium as Mg	25.02	30 mg/lit.	100 mg/lit.	APHA 24th Edition-3500 Mg B
5	Iron as Fe	0.03	1.0 mg/lit.	1.0 mg/lit.	USEPA, APHA 24rd Edition-3500 Fe B
6	Chloride as Cl	48.64	250 mg/lit.	1000 mg/lit.	APHA 24th Edition-4500 Cl-B
7	Sulphate as SO ₄	38	200 mg/lit.	400 mg/lit.	APHA 24th Edition-4500 SO ₄ E
8	Fluoride as F	0.13	1.0 mg/lit.	1.5 mg/lit.	APHA 24th Edition-4500F C
9	Nitrate as NO ₃	0.57	45 mg/lit.	45 mg/lit.	APHA 24th Edition-4500 NO ₃ D
10	pH @ 25°C	7.58	6.5 - 8.5	6.5 - 8.5	APHA 24th Edition-4500-H+ B
11	Total Alkalinity	114	200 mg/lit.	600 mg/lit.	APHA 24th Edition-2320 B
12	Color	5.0	5 Hazen Units	15 Hazen Units	APHA 24th Edition-2120-B
13	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5):1984 (RA 2018)
14	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8):1984 (RA 2022)
15	Turbidity	0.60	1 NTU	5 NTU	APHA 24th Edition-2130 B

Remarks :-

- * The Results Given above are related to the sample as received and tested in PHED JIND Lab.
- * The test report can't be regenerated in whole or part there of without written permission of Competent Authority.
- * The test report can't be used for any publicity or any legal purpose.
- * Reliability of water sample sample lies with sender/collector of water sample.
- * To check the sample report online Scan the QR Code below.
- * 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.

VIRENDER, CHEMIST
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Sample analyzed by :

