



Memo No:- 202

Date:- 27/01/2025

Certificate  
No: TC-4072

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification : JND/09448/1/2025 / Private	<b>Sample Details</b>	<b>Date &amp; Time</b>
Sender : INDUS PUBLIC SCHOOL PILLUKHERA	Collected By	HEMANT
Location : , PILLUKHERA	Collection Date	21/01/2025 at 08:50
Sample Description : Drinking Water	Received at lab	21/01/2025 at 14:37
Latitude / Longitude : 76.499672 / 29.363795	Analysis Start Date	21/01/2025
	Analysis End Date	23/01/2025
	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	Turbidity	0.36	1 NTU	5 NTU	APHA 24th Edition-2130 B
2	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8):1984 (2023)
3	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5):1984 (2018)
4	Color	5.0	5 Hazen Units	15 Hazen Units	APHA 24th Edition-2120-B
5	Total Dissolved Solids @ 180°C ± 2°C	188	500 mg/lt.	2000 mg/lt.	APHA 24th Edition-2540 C
6	Total Hardness as CaCo3	62	200 mg/lt.	600 mg/lt.	APHA 24th Edition-2340 C
7	Calcium as Ca	6.41	75 mg/lt.	200 mg/lt.	APHA 24th Edition-3500-Ca B
8	Magnesium as Mg	11.18	30 mg/lt.	100 mg/lt.	APHA 24th Edition-3500 Mg B
9	Total Alkalinity	46	200 mg/lt.	600 mg/lt.	APHA 24th Edition-2320 B
10	Chloride as Cl	36.24	250 mg/lt.	1000 mg/lt.	APHA 24th Edition-4500 Cl-B
11	Sulphate as So4	22	200 mg/lt.	400 mg/lt.	APHA 24th Edition-4500 SO4E
12	Fluoride as F	0.19	1.0 mg/lt.	1.5 mg/lt.	APHA 24th Edition-4500F C
13	Iron as Fe	0.02	1.0 mg/lt.	1.0 mg/lt.	USEPA, APHA 24rd Edition-3500 Fe B
14	Nitrate as No3	0.16	45 mg/lt.	45 mg/lt.	APHA 24th Edition-4500 NO3 D
15	pH @ 25°C	7.31	6.5 - 8.5	6.5 - 8.5	APHA 24th Edition-4500-H+ 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 data of issue of test report unless until specifically requested by the customer for retaining over a longer period.



Sample analyzed by :

VIRENDER, CHEMIST  
DISTRICT WATER TESTING LABORATORY, JIND  
email:-chemist.jind@phedharyana.gov.in