



जन स्वास्थ्य अभियांत्रिकी विभाग, हरियाणा
Public Health Engineering Department, Haryana



**OFFICE OF THE CHEMIST
PUBLIC HEALTH ENGINEERING DEPARTMENT
DISTRICT WATER TESTING LABORATORY, JIND**

Website: phedharyana.gov.in Email: chemist.jind@phedharyana.gov.in/chemist.jind@gmail.com

To

Shri Lajja Ram Basheshar Dass Gurukul Vidyapeeth,
Tirth Pandu Pindara (Jind)

Online Memo No.-1308

Dated :-24.05.2023

Subject.- Chemical Analysis Report.

Kindly find enclosed herewith 01 No. Chemical Analysis report, Test Report No.- JND/01287/5/2023 water samples send by your office vide letter No. Nil Dated 15.05.2023

This is for your information & further necessary action please.

DA/As Above

Chemist

Public Health Engg. Deptt,
Water Testing Laboratory, Jind

Govt. of Haryana
Public Health Engineering Department, Water Testing Laboratory, Jind
Email id: chemist.jnd@gmail.com Ph.No.01681-246354



TC-4072

Test Report

Test Report No. :	JND/01287/5/2023
Issued To :	Shri Lajja Ram Basheshar Dass Gurukul Vidyapeeth, Tirth Pandu Pindara, Jind
Customer Reference No. :	Nil Dated: 15.05.2023
Sample Description :	Water
Sample Type :	Chemical Analysis
Sample collected on dated :	19.05.2023
Sample Collected by :	Party Self
Sample received on dated :	19.05.2023
Sample Location :	Water Sample (R.O. Water)
Sample Quantity :	2 Ltr
Date of Analysis started :	19.05.2023
Dated of analysis completed :	23.05.2023
Issue Date :	24.05.2023

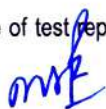
Environmental Conditions:-Temperature (°c) =23.8 & Humidity (%) =36

RESULTS

Sr. No.	Parameter	Protocol Used	Results	IS: 10500: 2012 (RA-2018)		Unit
				Desirable limit	Max. Permissible limit (in absence better alternate source)	
1.	Taste	IS 3025(Part8): RA 2022	Agreeable	Agreeable		-----
2.	Odour	IS 3025(Part5): RA 2018	Agreeable	Agreeable		-----
3.	Colour	APHA 23 rd edition-2120-B	5.0	5	15	Hazen Unit
4.	Turbidity	APHA23 rd edition-2130 B	0.25	1	5	NTU
5.	Total Dissolved Solids@180°c±2°c	APHA23 rd edition-2540 C	153	500	2000	mg/L
6.	Total Hardness	APHA23 rd edition-2340 C	63.36	200	600	mg/L
7.	Calcium (as Ca)	APHA23 rd edition-3500-Ca B	7.14	75	200	mg/L
8.	Magnesium (as Mg)	APHA23 rd edition-3500 Mg B	11.07	30	100	mg/L
9.	Total Alkalinity	APHA23 rd edition- 2320 B	36	200	600	mg/L
10.	Chloride (as Cl)	APHA23 rd edition-4500 Cl B	20.84	250	1000	mg/L
11.	Fluoride (as F)	APHA 23 rd edition-4500- F C	0.15	1.0	1.5	mg/L
12.	Sulphate (as So ₄)	APHA23 rd edition-4500-So ₄ E	18	200	400	mg/L
13.	Nitrate (as NO ₃)	APHA23 rd edition-4500-No ₃ D	0.31	45	45	mg/L
14.	Iron (as Fe)	APHA23 rd edition-3500-Fe B	<0.02	1.0	1.0	mg/L
15.	pH @25°c	APHA23 rd edition-4500-H ⁺ B	7.12	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 15 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


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

END OF TEST REPORT