

Govt. of Haryana
Public Health Engineering Department, Water Testing Laboratory, Jind
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Test Report

Test Report No. : JND/00830/5/2023
 Issued To: : Shiksha Bharti Model School,
 7 km Milestones Narwana-Patala Road, Ujhana
 Customer Reference No. : 006 Dated: 02.05.2023
 Sample Description : Water
 Sample Type : Chemical Analysis
 Sample collected on dated : 02.05.2023
 Sample Collected by : Party Self
 Sample received on dated : 02.05.2023
 Sample Location : Water Sample (R.O. Water)
 Sample Quantity : 2 Ltr
 Date of Analysis started : 02.05.2023
 Dated of analysis completed : 03.05.2023
 Issue Date : 05.05.2023

Environmental Conditions:-Temperature (°c) =24.4 & Humidity (%) = 48

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	0.13	1	5	NTU
5.	Total Dissolved Solids@180°C±2°C	APHA23 rd edition-2540 C	118	500	2000	mg/L
6.	Total Hardness	APHA23 rd edition-2340 C	46.46	200	600	mg/L
7.	Calcium (as Ca)	APHA23 rd edition-3500-Ca B	5.67	75	200	mg/L
8.	Magnesium (as Mg)	APHA23 rd edition-3500-Mg B	7.85	30	100	mg/L
9.	Total Alkalinity	APHA23 rd edition- 2320 B	38	200	600	mg/L
10.	Chloride (as Cl)	APHA23 rd edition-4500-Cl B	23.15	250	1000	mg/L
11.	Fluoride (as F)	APHA 23 rd edition-4500- F C	0.16	1.0	1.5	mg/L
12.	Sulphate (as Sox)	APHA23 rd edition-4500-SoxE	18	200	400	mg/L
13.	Nitrate (as NO3)	APHA23 rd edition-4500-NO3D	0.30	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	6.96	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 requested by the customer for retaining over a longer period.

Sample analyzed by: Sumil

PRINCIPAL

Shiksha Bharti Model School
Ujhana(Jind)

END OF TEST REPORT

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

Auth/Sign. Praveen Kumar
Progressive Education Society
Ujhana (Jind)