



Memo No - 15

Date 05/01/2024

PUBLIC HEALTH ENGINEERING DEPARTMENT  
WATER TESTING LABORATORY, KAITHAL  
NEAR ITI, JIND ROAD, KAITHAL-136027  
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ULR No-TC1238024000000002F

TEST REPORT

Test Report No	KTL/03772/1/2024	Issue Date 05.01.2024
Issued To	Sh. Jasmer Singh, Principal PM Shree G.S.S. School Habri	
Customer Reference No	Test ID: S27290	Dated 03.01.2024
Sample Description	Water	
Sample Type	Chemical Analysis	
Sample collected on dated	03.01.2024	
Sample Collected by	Sh. Sukhvinder (Party Sell)	
Sample received on dated	03.01.2024	
Sample Location	Water Sample from PM Shree G.S.S. School, Habri Distl Kaithal	
Date of Analysis started	03.01.2024	
Dated of analysis completed	04.01.2024	

RESULTS

S. No.	Parameter	Protocol Used	Results	IS:10500:2012(Second Revision)		Unit
				Desirable limit	Max. Permissible limit (in absence better alternate source)	
1	Total Dissolved Solids @180 °C	APHA2540 C	281.0	500	2000	mg/l
2	Total Hardness	APHA2340 C	210.0	200	600	mg/l
3	Calcium (as Ca)	APHA3500-Ca B	40.88	75	200	mg/l
4	Magnesium (as Mg)	APHA3500 Mg B	26.24	30	100	mg/l
5	Total Alkalinity	APHA 2320 B	190.0	200	600	mg/l
6	Chloride (as Cl)	APHA4500 Cl B	17.12	250	1000	mg/l
7	Sulphate	USEPA	32.11	200	400	mg/l
8	Fluoride (as F)	APHA 4500- F C	0.31	1.0	1.5	mg/l
9	Iron	USEPA	<0.04 (DL-0.04)	1.0	1.0	mg/l
10	Nitrate (as NO <sub>3</sub> )	APHA4500-NO <sub>3</sub> B	8.62	45	45	mg/l
11	pH @25°C	APHA4500-H <sup>+</sup> B	7.43	6.5 to 8.5	No relaxation	pH Units
12	Turbidity	APHA2130 B	0.30	1.0	5.0	NTU
13	Colour	APHA 2120B	<5.0 (DL-5.0)	5	15	HU
14	Taste	IS3025(Part-8)	Agreeable	Agreeable	Agreeable	Qualitative
15	Odour	IS3025 (Part-5)	Agreeable	Agreeable	Agreeable	Qualitative

DL-Deduction Limit

Notes:

- The results given above are related to the sample as received and tested in PHED Lab, Kaithal. Reliability of sample lies with the sender.
- 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 specifically requested by the customer for retaining over a longer period.

Sample analyzed by:

END OF TEST REPORT



Memo No:- 20

Date:- 05/01/2024

## Subject : Bacteriological Examination Report of Water Sample

Sample ID:	KTL/03771/1/2024	Sample Details	Date & Time
Sample Classification:	Private	Collected By	9896857860
Sender:	JASMER SINGH27289	Collection Date	03/01/2024 at 10:37
Location :-	, PM SHRI GOVT SR SEC SCHOOL HABRI DISTT KAITHAL HAR	Received at lab	03/01/2024 at 13:26
Latitude :-	76.630022	Tested at Lab	05/01/2024
Longitude :-	29.701534		

## Test Result (As Per BIS 10500 :2012)

S.No.	Tested Parameter	Result	Requirement (Acceptable Limit)	Protocol Used
1	Total Coliform per 100 ml	0	Shall not be detectable in any 100 ml sample	IS 15185:2016/ APHA 9221C, 2017

## Remarks :-

- \* The Results Given above are related to the sample as received and tested in KAITHAL lab.
- \* The test report can't be regenerated in whole or part thereof 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.

Water Sample has been found "CONFORMING" to Limits set in BIS10500:2012 for the tested parameters.  
Based on the tested parameters, the water sample is found "POTABLE"



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-----End of Report-----