

**PUBLIC HEALTH ENGINEERING DEPARTMENT**  
**STATE WATER TESTING LABORATORY, KARNAL**

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

Memo No:- 4604

Date:- 12/08/2022

**Subject : Bacteriological Examination Report of Water Sample**

Sample ID:	KNL/04266/8/2022	Sample Details	Date & Time
Sample Classification:	Private	Collected By	,9306728699
Sender:	Shri Krishna Parnami Public School14340	Collection Date	10/08/2022 at 10:51
Location :-	, model town, karnal	Received at lab	10/08/2022 at 13:11
Latitude :-	77.001146	Tested at Lab	12/08/2022
Longitude :-	29.679776		

Test Result (As Per BIS 10500 :2012)				
S.No.	Tested Parameter	Result	Requirement (Acceptable Limit)	Protocol Used
1	Total Coliform per 100 ml	93	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 KARNAL 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.

Water Sample has been found **"NOT CONFORMING "** to Limits set in BIS10500:2012 for the tested parameters. Based on the tested parameters,the water sample is found **"NOT POTABLE"**



*(Signature)*  
12/08/2022  
AMIT KUMAR, CHIEF CHEMIST  
PUBLIC HEALTH ENGINEERING DEPARTMENT  
STATE WATER TESTING LABORATORY KARNAL  
email:-chiefchemist.hr@phedharyana.gov.in  
*(Signature)*

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

PUBLIC HEALTH ENGINEERING DEPARTMENT  
STATE WATER TESTING LABORATORY, KARNALWebsite :- <https://phedharyana.gov.in/>Certificate  
No: TC-8407

Memo No:- 4609

Date:- 12/08/2022

Subject : Physical / Chemical Examination Report of Water Sample

Sample Details		Date & Time
Sample ID/Classification :	KNL/04269/8/2022 / Private	
Sender :	SHRI KRISHNA PARNAMI PUBLIC SCHOOL 14341	
Location :	, MODEL TOWN	
Sample Description :	Drinking Water	
Latitude / Longitude :	77.001146 / 29.679776	
Collected By		
Collection Date		10/08/2022 at 10:56
Received at lab		12/08/2022 at 10:07
Analysis Start Date		10/08/2022
Analysis End Date		12/08/2022
Sample Quantity		1000ML

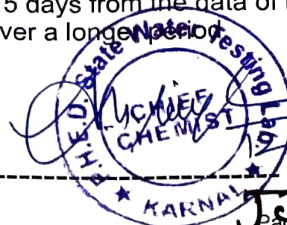
## Test Result (As Per BIS 10500 :2012)

S.No.	Tested Parameter	Result	Requirement (Acceptable Limit)	Permissible Limit (In the Absence of Alternate Source)	Protocol Used
1	Total Dissolved Solids @ 180°C ± 2°C	200	500 mg/l.	2000 mg/l.	IS 3025 (Part-16) : 1984 (RA 2017)
2	Total Hardness as CaCO <sub>3</sub>	110	200 mg/l.	600 mg/l.	IS 3025 (Part-21) : 2009 (RA 2019)
3	Calcium as Ca	20	75 mg/l.	200 mg/l.	IS 3025 (Part-40) : 1991 (RA 2019)
4	Magnesium as Mg	14.4	30 mg/l.	100 mg/l.	IS 3025 (Part-46) : 1994 (RA 2019)
5	Iron as Fe	0.01	1.0 mg/l.	1.0 mg/l.	USEPA-8008:2017
6	Chloride as Cl	28.4	250 mg/l.	1000 mg/l.	IS 3025 (Part-32) : 1988 (RA 2019)
7	Sulphate as SO <sub>4</sub>	23	200 mg/l.	400 mg/l.	USEPA-8051:2017
8	Fluoride as F	0.320	1.0 mg/l.	1.5 mg/l.	APHA 4500-F--C
9	Nitrate as NO <sub>3</sub>	1.2	45 mg/l.	45 mg/l.	APHA 4500-NO <sub>3</sub> - D
10	pH @ 25°C	6.92	6.5 - 8.5	6.5 - 8.5	IS 3025 (Part-11) : 1983 (RA 2017)
11	Total Alkalinity	160	200 mg/l.	600 mg/l.	IS 3025 (Part-23) : 1986 (RA 2019)
12	Color	<5	5 Hazen Units	15 Hazen Units	IS 3025 (Part-4) : 1983 (RA 2017)
13	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5) : 1984 (RA 2018)
14	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8) : 1984 (RA 2017)
15	Turbidity	<1	1 NTU	5 NTU	IS 3025 (Part-10):1984 (RA 2017)

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- \* 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 15 days from the date of issue of test report unless until specifically requested by the customer for retaining over a longer period.

-----END OF TEST REPORT-----

Jyoti Sishr  
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