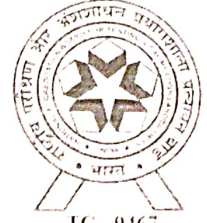


**PUBLIC HEALTH ENGINEERING DEPARTMENT  
DISTRICT WATER TESTING LABORATORY, YAMUNA  
NAGAR**



Memo No:-

2270

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

Date:-

29/09/2022

**Subject :**

**Physical / Chemical Examination Test Report of Water Sample**

TC - 9467

Sample ID//Lab ID : YNR/02103/08/2022//718	<b>Sample Details</b>	<b>Date</b>
Classification : Private	Collected By	Sh. Kamal Kumar
Sender : Principal Modem Public School Near Hydrel Colony, Partap Nagar (Khizrabad) Distt. Yamuna Nagar	Collection Date	25/08/2022
Location : Submersible Pump at Modem Public School Near Hydrel Colony, Partap Nagar (Khizrabad) Distt. Yamuna Nagar	Received at lab	25/08/2022
Sample Description : Drinking Water	Analysis Start	25/08/2022
	Analysis End	26/08/2022
	Sample Quantity	1 Ltr.

**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	263	500mg/lt.	2000mg/lt.	APHA2540 C; 2017
2	Total Hardness CaCo3	158.4	200mg/lt.	600mg/lt.	APHA2340 C; 2017
3	Calcium as Ca	47.61	75mg/lt.	200mg/lt.	APHA3500-CaB; 2017
4	Magnesium as Mg	9.62	30mg/lt.	100mg/lt.	APHA3500MgB; 2017
5	Chloride as Cl	9.85	250mg/lt.	1000mg/lt.	APHA4500 Cl-B; 2017
6	Fluoride as F	0.42	1.0mg/lt.	1.5mg/lt.	APHA 4500-F-C
7	Nitrate as No3	2.37	45mg/lt.	45mg/lt.	APHA 4500-NO3- D
8	pH @ 25°C	7.71	6.5 - 8.5	6.5 - 8.5	APHA4500-H+ B; 2017
9	Total Alkalinity	153.45	200mg/lt.	600mg/lt.	APHA 2320 B; 2017

**Remarks :-**

- \* The Results Given above are related to the sample as received and tested in PHED YAMUNA NAGAR 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.
- \* The test samples meant for chemical analysis will be disposed off after 15 days from the data of issue of test report unless until specifically requested by the customer for retaining over a longer period.
- \* Water sample is not drawn by this Laboratory.

Sample analyzed by  
Sukhvinder Singh

**PARDEEP BHALLACHEMIST (Authorized Signatory)**  
DISTRICT WATER TESTING LABORATORY YAMUNA  
NAGAR  
email:-[chemist.yamunanagar@gmail.com](mailto:chemist.yamunanagar@gmail.com)

**END OF TEST REPORT**

Memo No:-

2270

Date:-

29/08/2022

Sample ID//Lab ID :YNR/02103/08/2022//718 Classification : Private Sender : Principal Modem Public School Near Hydell Colony,Partap Nagar (Khizrabad) Distt. Yamuna Nagar Location : Submersible Pump at Modem Public School Near Hydell Colony,Partap Nagar (Khizrabad) Distt. Yamuna Nagar Sample Description : Drinking Water	<b>Sample Details</b>	<b>Date</b>
	Collected By	Sh. Kamal Kumar
	Collection Date	25/08/2022
	Received at lab	25/08/2022
	Analysis Start Date	25/08/2022
	Analysis End	26/08/2022
	Sample Quantity	1 Ltr.

RESULTS						
S. No.	Parameter	Method Used (23 <sup>rd</sup> Edition)	Results	IS:10500:2012 (Second Revision) RA-2018		Unit
				Desirable limit	Max. Permissible limit (in absence better alternate source)	
10	Taste	_____	Agreeable	Agreeable	Agreeable	-----
11	Odour	_____	Agreeable	Agreeable	Agreeable	-----
12	Turbidity	_____	0.27	1 NTU	5 NTU	NTU
13	Iron	_____	0.082	1mg/l	No relax	mg/1
14	Sulphate	_____	26	200 mg/l	400mg/l	mg/1

**Remarks :-**

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- \* Reliability of water sample sample lies with sender/collector of water sample.
- \* The test samples meant for chemical analysis will be disposed off after 15 days from the data of issue of test report unless until specifically requested by the customer for retaining over a longer period.
- \*Water sample is not drawn by this Laboratory.

Sample analyzed by  
Sukhvinder Singh

**PARDEEP BHALLA** CHEMIST(Authorized Signatory)  
DISTRICT WATER TESTING LABORATORY YAMUNA  
Nagar



Memo No:-

2270

Date:-

29/08/2022

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

<b>Sample ID/Lab ID:</b> YNR/02099/08/2022//1340  <b>Sample Classification:</b> Private <b>Sender:</b> Principal <b>Modern Public School</b> <b>Near Hydell Colony, Pratap Nagar (Khizrabad)</b> <b>Distt. Yamuna Nagar</b>  <b>Location :</b> Submersible Pump at Modern Public School <b>Near Hydell Colony, Pratap Nagar (Khizrabad)</b> <b>Distt. Yamuna Nagar</b>	<b>Sample Details</b>	<b>Date &amp; Time</b>
	<b>Collected By</b>	Sh. Kamal Kumar
	<b>Collection Date</b>	25/08/2022
	<b>Received at lab</b>	25/08/2022
	<b>Tested at Lab</b>	25/08/2022


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

S.No.	Tested Parameter	Result (MPN)	Requirement (Acceptable Limit)	Protocol Used
1	Total Coliform Per 100 ml.	0	Shell not be detectable in any 100 ml. sample	IS 15185:2016/APHA9221C;2017

**Remarks :-**

The Results Given above are related to the sample as received and tested in YAMUNA NAGAR 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.

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**"

  
**PARDEEP BHALLA CHEMIST**  
 PUBLIC HEALTH ENGINEERING DEPARTMENT  
 DISTRICT WATER TESTING LABORATORY YAMUNA  
 Nagar

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