

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



TC - 9467

Memo No:-

2149

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

Date:- 26/07/2022

Subject :

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

Sample ID//Lab ID : YNR/01692/07/2022//688	<b>Sample Details</b>	<b>Date</b>
Classification : Private	Collected By :	Sh. Pardeep Kamboj
Sender : Principal Delhi Public School, Yamuna Nagar- Jagadhri Distt. Yamuna Nagar	Collection Date	22/07/2022
Location : Personal Submersible at Delhi Public School Yamuna Nagar-Jagadhri, Village Bhambholi Distt. Yamuna Nagar	Received at lab	22/07/2022
Sample Description : Drinking Water	Analysis Start Date	22/07/2022
	Analysis End	25/07/2022
	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	324	500mg/lit.	2000mg/lit.	APHA2540 C; 2017
2	Total Hardness CaCo3	178.2	200mg/lit.	600mg/lit.	APHA2340 C; 2017
3	Calcium as Ca	49.59	75mg/lit.	200mg/lit.	APHA3500-CaB; 2017
4	Magnesium as Mg	13.23	30mg/lit.	100mg/lit.	APHA3500MgB; 2017
5	Chloride as Cl	24.46	250mg/lit.	1000mg/lit.	APHA4500ClB; 2017
6	Fluoride as F	0.46	1.0mg/lit.	1.5mg/lit.	APHA 4500-F-C
7	Nitrate as No3	2.17	45mg/lit.	45mg/lit.	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	176.75	200mg/lit.	600mg/lit.	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

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

END OF TEST REPORT

Memo No:-

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Date:-

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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	_____	0.34	1 NTU	5 NTU	NTU
13	Iron	_____	0.081	1mg/l	No relax	mg/1
14	Sulphate	_____	37	200 mg/l	400mg/l	mg/1

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