

PUBLIC HEALTH ENGINEERING DEPARTMENT
DISTRICT WATER TESTING LABORATORY, YAMUNA
NAGAR



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

Memo No:- 156

Date:- 12/2/2024

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID// Lab Ref. No. : YNR/04316/2/2024//C-1120	Sample Details	Date & Time
Classification : Private	Sample Provided by	Muneesh Saini
Customer Ref. No. Memo No. 6265 Dt. 05/02/2024	Sample Receiving at lab.	05/02/2024
Sender : Principal	Analysis Start Date	06/02/2024
PM Shri Govt. Model Sanskriti Sr. Sec. School	Analysis End Date	08/02/2024
Location : Village Sarawan, Distt. Yamuna Nagar	Sample Quantity	2 Ltr.
Sample Description : Drinking Water	Source of Sample : Submersible Pump at PM Shri Govt. Model Sanskriti Sr. Sec. School, Village Sarawan, Distt. Yamunanagar	
Type of Analysis : Chemical Analysis		
Packing, Marking & Seal : Unsealed Plastic Bottle		

Test Result (As Per BIS 10500 :2012)

S.No.	Tested Parameter	Protocol Used	Unit	Result	Requirement (Acceptable Limit)	Permissible Limit (In the Absence of Alternate Source)
1	Total Dissolved Solids @ 180°C±2°C	APHA 24th Edition -2540 C	mg/lit.	392	500 mg/lit.	2000 mg/lit.
2	Total Hardness as CaCO ₃	APHA 24th Edition -2340 C	mg/lit.	198.85	200 mg/lit.	600 mg/lit.
3	Calcium as Ca	APHA 24th Edition-3500-Ca B	mg/lit.	52.48	75 mg/lit.	200 mg/lit.
4	Magnesium as Mg	APHA 24th Edition -3500 Mg B	mg/lit.	16.49	30 mg/lit.	100 mg/lit.
5	Chloride as Cl	APHA 24th Edition -4500 Cl-B	mg/lit.	35.89	250 mg/lit.	1000 mg/lit.
6	Fluoride as F	APHA 24th Edition-4500F C/	mg/lit.	0.79	1.0 mg/lit.	1.5 mg/lit.
7	Nitrate as NO ₃	APHA 24th Edition -4500 NO ₃ D	mg/lit.	1.76	45 mg/lit.	45 mg/lit.
8	pH @ 25°C	APHA 24th Edition 4500-H+ B	pH Units	7.48	6.5 - 8.5	6.5 - 8.5
9	Total Alkalinity	APHA 24th Edition -2320 B	mg/lit.	209	200 mg/lit.	600 mg/lit.
10	Color	APHA 24th Edition -2120 B / 2120 C	Hazen Unit	7.49	5 Hazen Units	15 Hazen Units
11	Odour	IS 3025 PART-5	Qualitative	Agreeable	Agreeable	Agreeable
12	Taste	IS 3025 PART-8	Qualitative	Agreeable	Agreeable	Agreeable
13	Turbidity	APHA 24th Edition-2130 B	NTU	0.29	1 NTU	5 NTU

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.

Sample analyzed by :

CHEMIST (Authorized Signatory)
DISTRICT WATER TESTING, LABORATORY
YAMUNA NAGAR
email -chemist.yamunanagar@gmail.com

END OF TEST REPORT

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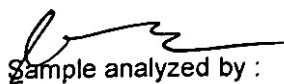
Sample ID// Lab Ref. No. : YNR/04316/2/2024//C-1120		Sample Details	Date & Time
Classification :	Private	Sample Provided by	Muneesh Saini
Customer Ref. No.	Memo No.6265 Dt. 05/02/2024	Sample Receiving at lab	05/02/2024
Sender :	Principal PM Shri Govt. Model Sanskriti Sr. Sec. School	Analysis Start Date	06/02/2024
Location :	Village Sarawan, Distt. Yamuna Nagar	Analysis End Date	08/02/2024
Sample Description :	Drinking Water	Sample Quantity	2 Ltr.
Type of Analysis :	Chemical Analysis	Source of Sample : Submersible Pump at PM Shri Govt. Model Sanskriti Sr. Sec. School, Village Sarawan, Distt. Yamunanagar	
Packing, Marking & Seal :	Unsealed Plastic Bottle		

Test Result (As Per BIS 10500 :2012)

S.No.	Tested Parameter	Protocol Used	Unit	Result	Requirement (Acceptable Limit)	Permissible Limit (In the Absence of Alternate Source)
14	Iron as Fe	APHA 24th Edition -3500 Fe B	mg/ltr.	0.113	1.0 mg/ltr.	No Relaxation
15	Sulphate as So4	APHA 24th Edition -4500 So4	mg/ltr.	85	200 mg/ltr.	400 mg/ltr.

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Sample analyzed by : 

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

END OF TEST REPORT