

Memo No:- 2238

Date:- 14/10/2024

Subject : Bacteriological Examination Report of Water Sample

Sample ID:	YNR/07308/10/2024	Sample Details	Date & Time
Sample Classification:	Private	Collected By	ARUN AHUJA,8168150953
Sender:	SANT NISCHAL SINGH PUBLIC SCHOOL	Collection Date	07/10/2024 at 08:40
Location :-	, KANHIYA CHOWK	Received at lab	07/10/2024 at 10:30
Latitude :-	77.282639	Longitude :-	30.140303
		Tested at Lab	14/10/2024

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 YAMUNA NAGAR 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-----

Memo No:- 2199

Date:- 10/10/2024

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification : YNR/07304/10/2024 / Private		Sample Details	Date & Time
Sender :	SANT NISCHAL SINGH SCHOOL	Collected By	Arun Ahuja
Location :	, KANHYA CHOWK	Collection Date	07/10/2024 at 08:35
Sample Description :	Drinking Water	Received at lab	07/10/2024 at 10:30
Latitude / Longitude :	77.282639 / 30.140303	Analysis Start Date	08/10/2024
		Analysis End Date	09/10/2024
		Sample Quantity	2 ltr

Test Result (As Per BIS 10500 :2012)

S.No.	Tested Parameter	Result	Requirement (Acceptable Limit)	Permissible Lmt. (In the Absence of Alternate Source)	Protocol Used
1	Total Dissolved Solids @ 180°C ± 2°C	226	500 mg/lt.	2000 mg/lt.	APHA 24th Edition -2540 C
2	Total Hardness as CaCO ₃	117.6	200 mg/lt.	600 mg/lt.	APHA 24th Edition -2340 C
3	Calcium as Ca	21.60	75 mg/lt.	200 mg/lt.	APHA 24th Edition-3500-Ca B
4	Magnesium as Mg	15.47	30 mg/lt.	100 mg/lt.	APHA 24th Edition -3500 Mg B
5	Iron as Fe	0.069	1.0 mg/lt.	1.0 mg/lt.	APHA 24th Edition -3500 Fe B
6	Chloride as Cl	26.90	250 mg/lt.	1000 mg/lt.	APHA 24th Edition -4500 Cl-B
7	Sulphate as SO ₄	42	200 mg/lt.	400 mg/lt.	APHA 24th Edition -4500 SO4
8	Fluoride as F	0.38	1.0 mg/lt.	1.5 mg/lt.	APHA 24th Edition-4500F C/
9	Nitrate as NO ₃	1.24	45 mg/lt.	45 mg/lt.	APHA 24th Edition -4500 NO3 D
10	pH @ 25°C	7.63	6.5 - 8.5	6.5 - 8.5	APHA 24th Edition 4500-H+ B
11	Total Alkalinity	135	200 mg/lt.	600 mg/lt.	APHA 24th Edition -2320 B
12	Color	5.58	5 Hazen Units	15 Hazen Units	APHA 24th Edition -2120 B / 2120 C
13	Odour	Agreeable	Agreeable	Agreeable	IS 3025 PART-5
14	Taste	Agreeable	Agreeable	Agreeable	IS 3025 PART-8
15	Turbidity	0.31	1 NTU	5 NTU	APHA 24th Edition-2130 B

Remarks :-

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- * 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.
- * The test samples meant for chemical analysis will be disposed off after 7 days from the date of issue of test report unless until specifically requested by the customer for retaining over a longer period.

Water Sample has been found "CONFORMING" to Limits set in BIS10500:2012 for the tested parameters.



Sample analyzed by :

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