

Memo No:- 632

Date:- 19/04/2024

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification : YNR/00573/4/2024 / Private	Sample Details	Date & Time
Sender : S D MODEL SCHOOL THROUGH PRINCIPAL GEETANJLI SHA30029	Collected By	S D MODEL SCHO...
Location : , S D MODEL SCHOOL NEAR MATKA CHOWK CHOTI LINE JAG	Collection Date	16/04/2024 at 10:29
Sample Description : Drinking Water	Received at lab	16/04/2024 at 11:40
Latitude / Longitude : 77.299849 / 30.159712	Analysis Start Date	16/04/2024
	Analysis End Date	18/04/2024
	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	497	500 mg/lt.	2000 mg/lt.	APHA 24th Edition -2540 C
2	Total Hardness as CaCO ₃	249.9	200 mg/lt.	600 mg/lt.	APHA 24th Edition -2340 C
3	Calcium as Ca	74.6	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	Chloride as Cl	66.04	250 mg/lt.	1000 mg/lt.	APHA 24th Edition -4500 Cl-B
6	Fluoride as F	0.81	1.0 mg/lt.	1.5 mg/lt.	APHA 24th Edition-4500F C/
7	Nitrate as NO ₃	1.72	45 mg/lt.	45 mg/lt.	APHA 24th Edition -4500 NO ₃ D
8	pH @ 25°C	7.82	6.5 - 8.5	6.5 - 8.5	APHA 24th Edition 4500-H+ B
9	Total Alkalinity	257.4	200 mg/lt.	600 mg/lt.	APHA 24th Edition -2320 B
10	Color	8.52	5 Hazen Units	15 Hazen Units	APHA 24th Edition -2120 B / 2120 C
11	Odour	Agreeable	Agreeable	Agreeable	IS 3025 PART-5
12	Taste	Agreeable	Agreeable	Agreeable	IS 3025 PART-8
13	Turbidity	0.34	1 NTU	5 NTU	APHA 24th Edition-2130 B
14	Iron as Fe	0.093	1.0 mg/lt.	1.0 mg/lt.	APHA 24th Edition -3500 Fe B
15	Sulphate as SO ₄	89	200 mg/lt.	400 mg/lt.	APHA 24th Edition -4500 SO ₄

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.
- * 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 data 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. Based on the tested parameters, the water sample is found "POTABLE"



Sample analyzed by :

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NAGAR
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