

Memo No:-

Date:-

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

Sample ID:	CDD/02723/12/2023	<b>Sample Details</b>	<b>Date &amp; Time</b>
Sample Classification:	Private	Collected By	,8221861442
Sender:	Principal Vaish Sr Sec SChool26655	Collection Date	01/12/2023 at 10:21
Location :-	, Baund Kalan	Received at lab	01/12/2023 at 16:34
Latitude :-	76.321494	Tested at Lab	05/12/2023
Longitude :-	28.789522		

**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
2	Feecal Coliform per 100 ml	0	Shall not be detectable in any 100 ml sample	IS 1622 (1981)

**Remarks :-**

- \* The Results Given above are related to the sample as received and tested in CHARKHI DADRI 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.

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:- 1587

Date:- 05/12/2023

Sample ID/Classification : CDD/02724/12/2023 / Private	<b>Sample Details</b>	<b>Date &amp; Time</b>
Sender : Principal Vaish Sr Sec School26656	Collected By	
Location : , Baund Kalan	Collection Date	01/12/2023 at 10:27
Sample Description : Drinking Water	Received at lab	01/12/2023 at 16:34
Latitude / Longitude : 76.321369 / 28.789606	Analysis Start Date	01/12/2023
	Analysis End Date	01/12/2023
	Sample Quantity	1 litre

**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	127	500 mg/lit.	2000 mg/lit.	APHA 24th Edition -2540 C
2	Total Hardness as CaCO <sub>3</sub>	30	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2340 C
3	Calcium as Ca	4.008	75 mg/lit.	200 mg/lit.	APHA 24th Edition-3500-Ca B
4	Magnesium as Mg	4.86	30 mg/lit.	100 mg/lit.	APHA 24th Edition -3500 Mg B
5	Iron as Fe	0.1	1.0 mg/lit.	1.0 mg/lit.	USEPA
6	Chloride as Cl	39.9876	250 mg/lit.	1000 mg/lit.	APHA 24th Edition -4500 Cl-B
7	Sulphate as SO <sub>4</sub>	2.95	200 mg/lit.	400 mg/lit.	USEPA / APHA 24th -4500 SO <sub>4</sub> -E
8	Fluoride as F	0.02	1.0 mg/lit.	1.5 mg/lit.	APHA 24th Edition-4500F C/
9	Nitrate as NO <sub>3</sub>	2.4	45 mg/lit.	45 mg/lit.	APHA 24th Edition -4500 NO <sub>3</sub> D
10	pH @ 25°C	7.1	6.5 - 8.5	6.5 - 8.5	APHA 24th Edition 4500-H+ B
11	Total Alkalinity	30	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2320 B
12	Color	0	5 Hazen Units	15 Hazen Units	APHA 24th Edition-2120-B
13	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5) : 2018
14	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8) : 2023
15	Turbidity	0.23	1 NTU	5 NTU	APHA 24th Edition -2130 B
16	Free Residual Chlorine	0	0.2 mg/lit.	1.0 mg/lit.	IS 3025 (Part-26):2021

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- \* 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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