

Memo No:- 203

Date:- 26/03/2024

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification : BHW/04480/3/2024 / Private	Sample Details	Date & Time
Sender : VAISH MODEL SR SEC SCHOOL29261	Collected By	VAISH MODEL SR...
Location : , LOHARU ROAD BHIWANI	Collection Date	21/03/2024 at 09:50
Sample Description : Drinking Water	Received at lab	21/03/2024 at 12:38
Latitude / Longitude : 76.131370 / 28.790284	Analysis Start Date	22/03/2024
	Analysis End Date	22/03/2024
	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	235	500 mg/lt.	2000 mg/lt.	APHA 24th Edition -2540 C
2	Total Hardness as CaCo3	180	200 mg/lt.	600 mg/lt.	APHA 24th Edition -2340 C
3	Calcium as Ca	36.07	75 mg/lt.	200 mg/lt.	APHA 24th Edition -3500-Ca B
4	Magnesium as Mg	21.87	30 mg/lt.	100 mg/lt.	APHA 24th Edition -3500 Mg B
5	Iron as Fe	0.04	1.0 mg/lt.	1.0 mg/lt.	USEPA
6	Chloride as Cl	56.72	250 mg/lt.	1000 mg/lt.	APHA 24th Edition -4500 Cl-B
7	Sulphate as So4	24	200 mg/lt.	400 mg/lt.	USEPA / APHA 24th -4500 SO4-E
8	Fluoride as F	0.19	1.0 mg/lt.	1.5 mg/lt.	APHA 24th Edition-4500F C/
9	Nitrate as No3	0.74	45 mg/lt.	45 mg/lt.	APHA 24th Edition -4500 NO3 D
10	pH @ 25°C	7.89	6.5 - 8.5	6.5 - 8.5	APHA 24th Edition 4500-H+ B
11	Total Alkalinity	100	200 mg/lt.	600 mg/lt.	APHA 24th Edition -2320 B
12	Turbidity	0.80	1 NTU	5 NTU	APHA 24th Edition -2130 B

Remarks :-

- * The Results Given above are related to the sample as received and tested in PHED BHIWANI 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 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. Based on the tested parameters, the water sample is found "POTABLE"



Sample analyzed by: *Prince*

Rajeev
RAJEEV KUMAR, CHEMIST
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PUBLIC HEALTH ENGINEERING DEPARTMENT
DISTRICT WATER TESTING LABORATORY, BHIWANI

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

Subject : Bacteriological Examination Report of Water Samples

Circle Bhiwani Circle

Division Bhiwani PHED No. 2

Sub Division Bhiwani PHED No. 2

S.No.	Tested Parameter *	Result (MPN) **	Protocol Used	Potable / Not Potable
Memo No :- 204, Date :- 26/03/2024				
1	Sample ID:-BHW/04479/3/2024 / Sender : VAISH MODEL SR SEC SCHOOL29257 ,Location : , LOHARU ROAD BHIWANI, Analysis Start/End Date: 21/03/2024 / 23/03/2024, GPS Coordinates: 76.131066 /28.790719			
	Total Coliform per 100 ml	00	IS 15185:2016/ APHA 9221C; 2017	Potable
Abstract Report of Bacteriological Examination Report of Water Sample				
Total Sample		Potable		Not Potable
1		1		0

* Requirement (Acceptable Limit) : Shall not be detectable in any 100 ml sample

** MPN (Most Probable Number) Per 100 ML.

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Sample analyzed by : Mohit


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PUBLIC HEALTH ENGINEERING DEPARTMENT

DISTRICT WATER TESTING LABORATORY, BHIWANI

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

Memo No:- 139

Date:- 19/02/2024

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification : BHW/04119/2/2024 / Private		Sample Details	Date & Time
Sender :	VAISH MODEL SR. SEC. SCHOOL28077	Collected By	VAISH MODEL SR...
Location :	, LOHARU ROAD, DINOD GATE,BHIWANI	Collection Date	08/02/2024 at 13:42
Sample Description :	Drinking Water	Received at lab	15/02/2024 at 14:13
Latitude / Longitude :	76.131134 / 28.789344	Analysis Start Date	16/02/2024
		Analysis End Date	16/02/2024
		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	204	500 mg/lit.	2000 mg/lit.	APHA 24th Edition -2540 C
2	Total Hardness as CaCo3	175	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2340 C
3	Calcium as Ca	24.04	75 mg/lit.	200 mg/lit.	APHA 24th Edition-3500-Ca B
4	Magnesium as Mg	27.94	30 mg/lit.	100 mg/lit.	APHA 24th Edition -3500 Mg B
5	Iron as Fe	0.01	1.0 mg/lit.	1.0 mg/lit.	USEPA
6	Chloride as Cl	67.35	250 mg/lit.	1000 mg/lit.	APHA 24th Edition -4500 Cl-B
7	Sulphate as So4	28	200 mg/lit.	400 mg/lit.	USEPA / APHA 24th -4500 SO4-E
8	Fluoride as F	0.17	1.0 mg/lit.	1.5 mg/lit.	APHA 24th Edition-4500F C/
9	Nitrate as No3	0.35	45 mg/lit.	45 mg/lit.	APHA 24th Edition -4500 NO3 D
10	pH @ 25°C	8.19	6.5 - 8.5	6.5 - 8.5	APHA 24th Edition 4500-H+ B
11	Total Alkalinity	195	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2320 B
12	Turbidity	0.21	1 NTU	5 NTU	APHA 24th Edition -2130 B

Remarks :-

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

Memo No:-

Date:-

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

Sample ID:	BHW/04118/2/2024	Sample Details	Date & Time
Sample Classification:	Private	Collected By	VAISH MODEL SR...,9050866407
Sender:	VAISH MODEL SR. SEC SCHOOL28076	Collection Date	08/02/2024 at 13:36
Location :-	, LOHARU ROAD, DINOD GATE, BHIWANI	Received at lab	15/02/2024 at 14:13
Latitude :-	76.131370	Tested at Lab	19/02/2024
Longitude :-	28.790284		

Test Result (As Per BIS 10500 :2012)

S.No.	Tested Parameter	Result	Requirement (Acceptable Limit)	Protocol Used
1	Total Coliform per 100 ml	00	Shall not be detectable in any 100 ml sample	IS 15185:2016/ APHA 9221C; 2017

Remarks :-

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-----End of Report-----


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