

Memo No:- 585

Date:- 26/04/2024

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification : BHW/00515/4/2024 / Private	Sample Details	Date & Time
Sender : DRP BHIWANI PUBLIC SCHOOL30463	Collected By	DRP BHIWANI PU...
Location : , PLOT NO. 2, SECTOR-13, HUDA, BHIWANI	Collection Date	24/04/2024 at 14:06
Sample Description : Drinking Water	Received at lab	24/04/2024 at 16:11
Latitude / Longitude : 76.141643 / 28.817123	Analysis Start Date	26/04/2024
	Analysis End Date	26/04/2024
	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	18.6	500 mg/lit.	2000 mg/lit.	APHA 24th Edition -2540 C
2	Total Hardness as CaCo3	10	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2340 C
3	Calcium as Ca	2	75 mg/lit.	200 mg/lit.	APHA 24th Edition-3500-Ca B
4	Magnesium as Mg	1.21	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	10.63	250 mg/lit.	1000 mg/lit.	APHA 24th Edition -4500 Cl-B
7	Sulphate as So4	2	200 mg/lit.	400 mg/lit.	USEPA / APHA 24th -4500 SO4-E
8	Fluoride as F	0.02	1.0 mg/lit.	1.5 mg/lit.	APHA 24th Edition-4500F C/
9	Nitrate as No3	0.09	45 mg/lit.	45 mg/lit.	APHA 24th Edition -4500 NO3 D
10	pH @ 25°C	7.58	6.5 - 8.5	6.5 - 8.5	APHA 24th Edition 4500-H+ B
11	Total Alkalinity	15	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2320 B
12	Turbidity	0.04	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 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"

Rajeev Kumar

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Sample analyzed by :