

Memo No:- 217

Date:- 26/02/2024

Subject : Physical / Chemical Examination Report of Water Sample

HC-1115

Sample ID/Classification : HSR/04061/2/2024 / Private	<b>Sample Details</b>	<b>Date &amp; Time</b>
Sender : SHREE BALBIR SINGH SR.SEC.SCHOOL28486	Collected By	SHREE BALBIR S...
Location : , MADHA	Collection Date	22/02/2024 at 16:52
Sample Description : Drinking Water	Received at lab	23/02/2024 at 11:42
Latitude / Longitude : 76.081426 / 29.196284	Analysis Start Date	23/02/2024
	Analysis End Date	26/02/2024
	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	221.3	500 mg/lt.	2000 mg/lt.	APHA 24th Edition -2540 C
2	Total Hardness as CaCo3	79.6	200 mg/lt.	600 mg/lt.	APHA 24th Edition -2340 C
3	Calcium as Ca	13.46	75 mg/lt.	200 mg/lt.	APHA 24th Edition-3500-Ca B
4	Magnesium as Mg	11.18	30 mg/lt.	100 mg/lt.	APHA 24th Edition -3500 Mg B
5	Iron as Fe	0.01	1.0 mg/lt.	1.0 mg/lt.	USEPA
6	Chloride as Cl	31.20	250 mg/lt.	1000 mg/lt.	APHA 24th Edition -4500 Cl-B
7	Sulphate as So4	35	200 mg/lt.	400 mg/lt.	USEPA / APHA 24th -4500 SO4-E
8	Fluoride as F	0.142	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	6.72	6.5 - 8.5	6.5 - 8.5	APHA 24th Edition 4500-H+ B
11	Total Alkalinity	136	200 mg/lt.	600 mg/lt.	APHA 24th Edition -2320 B

**Remarks :-**

- \* The Results Given above are related to the sample as received and tested in PHED HISAR 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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