

Memo No:- 259

Date:- 01/03/2024

Subject : Physical / Chemical Examination Report of Water Sample

HC-117

Sample ID/Classification : HSR/04131/2/2024 / Private	Sample Details	Date & Time
Sender : Aastha International Public School28641	Collected By	Aastha Interna...
Location : , Kabrel Road, VPO Dobhi, Hisar, Haryana	Collection Date	28/02/2024 at 12:27
Sample Description : Drinking Water	Received at lab	29/02/2024 at 14:35
Latitude / Longitude : 75.500311 / 29.141292	Analysis Start Date	29/02/2024
	Analysis End Date	01/03/2024
	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	159.2	500 mg/lt.	2000 mg/lt.	APHA 24th Edition -2540 C
2	Total Hardness as CaCO ₃	114.8	200 mg/lt.	600 mg/lt.	APHA 24th Edition -2340 C
3	Calcium as Ca	30.14	75 mg/lt.	200 mg/lt.	APHA 24th Edition-3500-Ca B
4	Magnesium as Mg	9.62	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	56.72	250 mg/lt.	1000 mg/lt.	APHA 24th Edition -4500 Cl-B
7	Sulphate as SO ₄	38	200 mg/lt.	400 mg/lt.	USEPA / APHA 24th -4500 SO ₄ -E
8	Fluoride as F	0.154	1.0 mg/lt.	1.5 mg/lt.	APHA 24th Edition-4500F C/
9	Nitrate as NO ₃	0.65	45 mg/lt.	45 mg/lt.	APHA 24th Edition -4500 NO ₃ D
10	pH @ 25°C	6.69	6.5 - 8.5	6.5 - 8.5	APHA 24th Edition 4500-H+ B
11	Total Alkalinity	110	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 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 :


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