

21-234

Memo No:- 865

Date:- 14/05/2024

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification : HSR/01528/5/2024 / Private	Sample Details	Date & Time
Sender : DOON INTERNATIONAL SCHOOL31360	Collected By	DOON INTERNATI...
Location : , TOSHAM ROAD, VILLAGE MIRKAN	Collection Date	13/05/2024 at 13:53
Sample Description : Drinking Water	Received at lab	13/05/2024 at 16:38
Latitude / Longitude : 75.762365 / 29.075451	Analysis Start Date	13/05/2024
	Analysis End Date	14/05/2024
	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	105	500 mg/lit.	2000 mg/lit.	APHA 24th Edition -2540 C
2	Total Hardness as CaCo3	51.6	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2340 C
3	Calcium as Ca	14.42	75 mg/lit.	200 mg/lit.	APHA 24th Edition-3500-Ca B
4	Magnesium as Mg	3.79	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	14.18	250 mg/lit.	1000 mg/lit.	APHA 24th Edition -4500 Cl-B
7	Sulphate as So4	29	200 mg/lit.	400 mg/lit.	USEPA / APHA 24th -4500 SO4-E
8	Fluoride as F	0.127	1.0 mg/lit.	1.5 mg/lit.	APHA 24th Edition-4500F C/
9	Nitrate as No3	0.28	45 mg/lit.	45 mg/lit.	APHA 24th Edition -4500 NO3 D
10	pH @ 25°C	6.60	6.5 - 8.5	6.5 - 8.5	APHA 24th Edition 4500-H+ B
11	Total Alkalinity	30.8	200 mg/lit.	600 mg/lit.	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 7 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.



Sample analyzed by : *Jai Pal*

Rajeev
RAJEEV KUMAR ,CHEMIST
 DISTRICT WATER TESTING LABORATORY HISAR
 email:-chemist.hisar@phedharyana.gov.in