

Memo No:- 705

Date:- 11/07/2024

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification : SNP/01149/7/2024 / Private	Sample Details	Date & Time
Sender : HOLY CROSS SCHOOL BAGHRU33332	Collected By	Heena
Location : , HOLY CROSS SCHOOL VPO BAGHRU SONIPAT	Collection Date	04/07/2024 at 10:23
Sample Description : Drinking Water	Received at lab	05/07/2024 at 10:30
Latitude / Longitude : 76.922622 / 28.992151	Analysis Start Date	05/07/2024
	Analysis End Date	08/07/2024
	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	164	500 mg/lit.	2000 mg/lit.	APHA 24th Edition -2540 C
2	Total Hardness as CaCO ₃	92	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2340 C
3	Calcium as Ca	16.03	75 mg/lit.	200 mg/lit.	APHA 24th Edition-3500-Ca B
4	Magnesium as Mg	12.64	30 mg/lit.	100 mg/lit.	APHA 24th Edition -3500 Mg B
5	Chloride as Cl	22.99	250 mg/lit.	1000 mg/lit.	APHA 24th Edition -4500 Cl-B
6	pH @ 25°C	6.86	6.5 - 8.5	6.5 - 8.5	APHA 24th Edition 4500-H+ B
7	Total Alkalinity	64	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2320 B
8	Color	5.0	5 Hazen Units	15 Hazen Units	APHA 24th Edition-2120-B
9	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5) : 2018
10	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8) : 2023
11	Turbidity	0.58	1 NTU	5 NTU	APHA 24th Edition -2130 B
12	Iron as Fe	0.00	1.0 mg/lit.	1.0 mg/lit.	USEPA
13	Sulphate as SO ₄	6	200 mg/lit.	400 mg/lit.	USEPA / APHA 24th -4500 SO ₄ -E
14	Fluoride as F	0.24	1.0 mg/lit.	1.5 mg/lit.	APHA 24th Edition-4500F C/
15	Nitrate as NO ₃	0.0	45 mg/lit.	45 mg/lit.	APHA 24th Edition -4500 NO ₃ D

Remarks :-

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

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