



PUBLIC HEALTH ENGINEERING DEPARTMENT

DISTRICT WATER TESTING LABORATORY, MEWAT

Website :- <https://phedharyana.gov.in/>



Certificate
No: TD-11870

Memo No:- 778

Date:- 01/10/2024

Subject: Physical / Chemical Examination Report of Water Sample

Sample Identification:	MEW08870/0034 / Private	Sample Details	Date & Time
Sender:	Govt. Model Sarabali St. Sen. School Tauru	Collected By	Samir
Location:	Tauru Tehsil, Tauru, Distt. Mewat	Collection Date	30/09/2024 at 14:22
Sample Description:	Drinking Water	Received at lab	01/10/2024 at 11:37
Latitude / Longitude:	76.958877 / 28.204183	Analysis Start Date	30/09/2024
		Analysis End Date	01/10/2024
		Sample Quantity	1 Liter

Test Result (As Per BIS 10500 (2012))

S.No.	Tested Parameter	Result	Requirement (Acceptable Limit)	Permissible Limit (In the Absence of Alternate Source)	Protocol Used
1	Total Dissolved Solids @ 180°C ± 2°C	480	500 mg/L	2000 mg/L	APHA 24th Edition -2540 C
2	Total Hardness as CaCO ₃	225	200 mg/L	600 mg/L	APHA 24th Edition -2340 C
3	Calcium as Ca	28	75 mg/L	200 mg/L	APHA 24th Edition -3500 Ca-B
4	Magnesium as Mg	38	30 mg/L	100 mg/L	APHA 24th Edition -3500 Mg-B
5	Iron as Fe	0.15	1.0 mg/L	1.0 mg/L	APHA 23rd Edition -3500 Fe-B
6	Chloride as Cl	67	250 mg/L	1000 mg/L	APHA 24th Edition -4500 Cl-B
7	Sulphate as SO ₄	96	200 mg/L	400 mg/L	APHA 24th Edition -4500 SO ₄ -E
8	Fluoride as F	0.16	1.0 mg/L	1.5 mg/L	APHA 24th Edition -4500 F-D
9	Nitrate as NO ₃	8.7	43 mg/L	43 mg/L	APHA 24th Edition -4500 NO ₃ -D
10	pH @ 25°C	7.44	6.5 - 8.5	6.5 - 8.5	APHA 24th Edition -4500-H+ B
11	Total Alkalinity	189	200 mg/L	600 mg/L	APHA 24th Edition -2320 B
12	Color	<5	5 Hazen Units	15 Hazen Units	APHA 24th Edition -2120-B
13	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5) : 1984 (RA 2018)
14	Turbidity	<0.5	1 NTU	5 NTU	APHA 24th Edition -2130 B
15	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-6) : 1984 (RA 2022)

Remarks :-

- The Results Given above are related to the sample as received and tested in PHED MEWAT Lab.
- The test report can't be regenerated in whole or part thereof 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 date of issue of test report unless specifically requested by the customer for retaining over a longer period.

Sample analyzed by :

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