

Memo No:- 2390

Date:- 21/08/2025

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification : MHD/05875/8/2025 / Private	Sample Details	Date & Time
Sender : Virender	Collected By	Virender
Location : , Ujjawal senior secondary school.Bawania	Collection Date	20/08/2025 at 15:24
Sample Description : Drinking Water	Received at lab	20/08/2025 at 15:28
Latitude / Longitude : 76.231728 / 28.253586	Analysis Start Date	21/08/2025
	Analysis End Date	21/08/2025
	Sample Quantity	1 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	Turbidity	0.21	1 NTU	5 NTU	APHA 24th Edition -2130 B
2	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8) : 2023
3	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5) : 2018
4	Color	05	5 Hazen Units	15 Hazen Units	APHA 24th Edition-2120-B
5	Total Dissolved Solids @ 180°C ± 2°C	310	500 mg/lit.	2000 mg/lit.	APHA 24th Edition -2540 C
6	Total Hardness as CaCO ₃	180	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2340 C
7	Calcium as Ca	24.04	75 mg/lit.	200 mg/lit.	APHA 24th Edition-3500-Ca B
8	Magnesium as Mg	24.3	30 mg/lit.	100 mg/lit.	APHA 24th Edition -3500 Mg B
9	Total Alkalinity	190	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2320 B
10	Chloride as Cl	104.96	250 mg/lit.	1000 mg/lit.	APHA 24th Edition -4500 Cl-B
11	Sulphate as So ₄	90	200 mg/lit.	400 mg/lit.	USEPA / APHA 24th -4500 SO ₄ -E
12	Fluoride as F	0.99	1.0 mg/lit.	1.5 mg/lit.	APHA 24th Edition 4500 F-D:
13	Iron as Fe	0.21	1.0 mg/lit.	1.0 mg/lit.	USEPA
14	Nitrate as No ₃	2.3	45 mg/lit.	45 mg/lit.	APHA 24th Edition -4500 NO ₃ D
15	pH @ 25°C	7.28	6.5 - 8.5	6.5 - 8.5	APHA 24th Edition 4500-H+ B

Remarks :-

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