

Memo No:- 1141

Date:- 10/09/2025

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification :	RTK/05605/9/2025 / Private	Sample Details	Date & Time
Sender :	PRINCIPAL, INTERNATIONAL BHARTI SCHOOL, ROHTAK	Collected By	NAVEEN AHLAWAT
Location :	, 5TH MILE STONE GOHANA ROAD, ROHTAK	Collection Date	28/08/2025 at 12:40
Sample Description :	Drinking Water	Received at lab	03/09/2025 at 16:57
Latitude / Longitude :	76.606604 / 28.934839	Analysis Start Date	03/09/2025
		Analysis End Date	03/09/2025
		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	Turbidity	0.13	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	5.0	5 Hazen Units	15 Hazen Units	APHA 24th Edition-2120-B
5	Total Dissolved Solids @ 180°C ± 2°C	120	500 mg/lt.	2000 mg/lt.	IS 3025 (Part-16) : 2023 /APHA 24th Edition-2540 C
6	Total Hardness as CaCO ₃	66.64	200 mg/lt.	600 mg/lt.	APHA 24th Edition -2340 C
7	Calcium as Ca	13.35	75 mg/lt.	200 mg/lt.	APHA 24th Edition-3500-Ca B
8	Magnesium as Mg	9.52	30 mg/lt.	100 mg/lt.	APHA 24th Edition -3500 Mg B
9	Total Alkalinity	19.8	200 mg/lt.	600 mg/lt.	APHA 24th Edition -2320 B
10	Chloride as Cl	22.99	250 mg/lt.	1000 mg/lt.	APHA 24th Edition -4500 Cl-B
11	Fluoride as F	0.24	1.0 mg/lt.	1.5 mg/lt.	USEPA
12	Iron as Fe	0.02	1.0 mg/lt.	1.0 mg/lt.	USEPA
13	Nitrate as NO ₃	0.1	45 mg/lt.	45 mg/lt.	USEPA
14	pH @ 25°C	7.07	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 ROHTAK 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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