

Memo No:- 1044

Date:- 03/08/2026

TC-12081

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification :	RTK/02028/7/2026 / Private	Sample Details	Date & Time
Sender :	ZAD GLOBAL SCHOOL	Collected By	MS. SAPNA
Location :	, THE GOVT. EMPLOYEES CO.-OP. HOUSE BUILDING SOCIE	Collection Date	30/07/2026 at 16:21
Sample Description :	Drinking Water	Received at lab	03/08/2026 at 09:12
Latitude / Longitude :	76.643565 / 28.857134	Analysis Start Date	03/08/2026
		Analysis End Date	03/08/2026
		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	0.36	1 NTU	5 NTU	APHA 24th Edition -2130 B
2	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8)
3	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5)
4	Color	5	5 Hazen Units	15 Hazen Units	APHA 24th Edition-2120-B
5	Total Dissolved Solids @ 180°C ± 2°C	120	500 mg/l.	2000 mg/l.	APHA 24th Edition-2340 C
6	Total Hardness as CaCo3	59.4	200 mg/l.	600 mg/l.	APHA 24th Edition -2340 C
7	Calcium (as Ca)	15.87	75 mg/l.	200 mg/l.	APHA 24th Edition-3500-Ca B
8	Magnesium (as Mg)	4.81	30 mg/l.	100 mg/l.	APHA 24th Edition -3500 Mg B
9	Total Alkalinity	50	200 mg/l.	600 mg/l.	APHA 24th Edition -2320 B
10	Chloride (as Cl)	28.29	250 mg/l.	1000 mg/l.	APHA 24th Edition -4500 Cl-B
11	Sulphate as So4	18	200 mg/l.	400 mg/l.	USEPA : 2019
12	Fluoride (as F)	0.21	1.0 mg/l.	1.5 mg/l.	APHA 24th Edition-4500 F C
13	Iron (as Fe)	0.01	1.0 mg/l.	1.0 mg/l.	USEPA
14	Nitrate (as No3)	0.24	45 mg/l.	45 mg/l.	APHA 24th Edition -4500 NO3 B
15	pH @ 25°C	6.86	6.5 - 8.5	6.5 - 8.5	APHA 24th Edition 4500-H+ B
16	Free Residual Chlorine	00	0.2 mg/l.	1.0 mg/l.	APHA

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.



Sample analyzed by :

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For ZAD EDUCATION SOCIETY

J. R. G. Y
President