

Memo No:- 1480

Date:- 24/06/2026

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification : AMB/03481/6/2026 / Private 0785	Sample Details	Date & Time
Sender : B.D SR SEC SCHOOL	Collected By	DARLABH SINGH
Location : , B.D SR SEC SCHOOL AMBALA CANTT	Collection Date	19/06/2026 at 13:03
Sample Description : Drinking Water	Received at lab	22/06/2026 at 12:01
Latitude / Longitude : 76.843895 / 30.340131	Analysis Start Date	23/06/2026
	Analysis End Date	23/06/2026
	Sample Quantity	2ltr.

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	0.74	1 NTU	5 NTU	APHA 24th Edition -2130 B
2	Taste	agreeable	Agreeable	Agreeable	IS 3025 (Part-8):1984: RA:2002
3	Odour	agreeable	Agreeable	Agreeable	IS 3025 (Part-5) : 2018
4	Color	<5	5 Hazen Units	15 Hazen Units	APHA, 2120B / APHA, 2120C: 2023
5	Total Dissolved Solids @ 180°C ± 2°C	208	500 mg/lt.	2000 mg/lt.	APHA 24th Edition -2540 C
6	Total Hardness as CaCo3	115	200 mg/lt.	600 mg/lt.	APHA 24th Edition -2340 C
7	Calcium (as Ca)	24.04	75 mg/lt.	200 mg/lt.	APHA 24th Edition-3500-Ca B
8	Magnesium (as Mg)	13.36	30 mg/lt.	100 mg/lt.	APHA 24th Edition -3500 Mg B
9	Total Alkalinity	153.6	200 mg/lt.	600 mg/lt.	APHA 24th Edition -2320 B
10	Chloride (as Cl)	7.07	250 mg/lt.	1000 mg/lt.	APHA 24th Edition -4500 Cl-B
11	Sulphate as So4	6.11	200 mg/lt.	400 mg/lt.	IS 3025(Part 24):2022
12	Fluoride (as F)	<0.1	1.0 mg/lt.	1.5 mg/lt.	APHA 24th Edition-4500F C
13	Iron (as Fe)	<0.1	1.0 mg/lt.	1.0 mg/lt.	USEPA
14	Nitrate (as No3)	<1	45 mg/lt.	45 mg/lt.	APHA 24th Edition -4500 NO3 B
15	pH @ 25°C	7.38	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 AMBALA 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 : 


SONIA, CHEMIST
DISTRICT WATER TESTING LABORATORY, AMBALA
email:-chemist.ambala@phedharyana.gov.in