

Memo No:- 2085

Date:- 29/08/2025

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification :	AMB/06745/8/2025 / Private	Sample Details	Date & Time
Sender :	PMSHRI KV3 AMBALA	Collected By	RAJ KUMAR
Location :	KV 3 ALLENBY LINES AMBALA	Collection Date	22/08/2025 at 08:10
		Received at lab	25/08/2025 at 11:16
Sample Description :	Drinking Water	Analysis Start Date	26/08/2025
Latitude / Longitude :	76.814525 / 30.333999	Analysis End Date	26/08/2025
		Sample Quantity	2 liter

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	0.71	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	144	500 mg/lit.	2000 mg/lit.	APHA 24th Edition -2540 C
6	Total Hardness as CaCo3	30.3	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2340 C
7	Calcium as Ca	8.09	75 mg/lit.	200 mg/lit.	APHA 24th Edition-3500-Ca B
8	Magnesium as Mg	2.45	30 mg/lit.	100 mg/lit.	APHA 24th Edition -3500 Mg B
9	Total Alkalinity	69.3	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2320 B
10	Chloride as Cl	16.87	250 mg/lit.	1000 mg/lit.	APHA 24th Edition -4500 Cl-B
11	Sulphate as So4	31.26	200 mg/lit.	400 mg/lit.	IS 3025(Part 24):2022
12	Fluoride as F	0.2	1.0 mg/lit.	1.5 mg/lit.	APHA 24th Edition-4500F C
13	Iron as Fe	<0.1	1.0 mg/lit.	1.0 mg/lit.	USEPA/APHA 24th Edition -3500 Fe B
14	Nitrate as No3	<1	45 mg/lit.	45 mg/lit.	APHA 24th Edition -4500 NO3 B
15	pH @ 25°C	7.36	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 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 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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