

Memo No:- 1909

Date:- 08/07/2025

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification : AMB/04787/7/2025 / Private	Sample Details	Date & Time
Sender : Principal Sewa Samiti Lettle Angels Convent Sr.	Collected By	Jagtar Saini
Location : , Village Machhonda, Distt. Ambala Cantt.	Collection Date	04/07/2025 at 11:37
Sample Description : Drinking Water	Received at lab	04/07/2025 at 15:57
Latitude / Longitude : 76.834004 / 30.305925	Analysis Start Date	07/07/2025
	Analysis End Date	07/07/2025
	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	0.79	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	IS 3025 Part 4: 2021 /APHA 24th Edition -2120 B
5	Total Dissolved Solids @ 180°C ± 2°C	357	500 mg/lit.	2000 mg/lit.	APHA 24th Edition -2540 C
6	Total Hardness as CaCo ₃	54.45	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2340 C
7	Calcium as Ca	11.90	75 mg/lit.	200 mg/lit.	APHA 24th Edition-3500-Ca B
8	Magnesium as Mg	6.01	30 mg/lit.	100 mg/lit.	APHA 24th Edition -3500 Mg B
9	Total Alkalinity	209	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2320 B
10	Chloride as Cl	36.42	250 mg/lit.	1000 mg/lit.	APHA 24th Edition -4500 Cl-B
11	Sulphate as So ₄	39	200 mg/lit.	400 mg/lit.	USEPA / APHA 24th -4500 SO ₄ -E
12	Fluoride as F	0.5	1.0 mg/lit.	1.5 mg/lit.	APHA 24th Edition-4500F C
13	Iron as Fe	0.05	1.0 mg/lit.	1.0 mg/lit.	USEPA/APHA 24th Edition -3500 Fe B
14	Nitrate as No ₃	3	45 mg/lit.	45 mg/lit.	APHA 24th Edition -4500 NO ₃ D
15	pH @ 25°C	7.31	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.

Water Sample has been found "CONFORMING" to Limits set in BIS10500:2012 for the tested parameters.

Arpana Choudhary
8/7/2025



Sample analyzed by : *Arpana Choudhary*

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