

Test Report

Lab. ID. No : AMB/13158/3/2026/1851

Memo No :

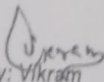
Report Issue Date:

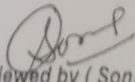
ISSUED TO : PRINCIPAL KENDRIYA VIDYALYA NO.4 AMBALA CANTT		Date of Analysis started : 27.03.2026 Dated of analysis completed : 27.03.2026 Temperature : 26.2 °C Humidity : 68% RH Sample Quantity : 2 Lt.
Sample Description & Type of analysis : Water (Chemical Analysis) Customer Reference No. & Date : 98/KV-4/AMB/2025-26 & 24.3.2026 Customer Name Who collected sample : LEKHRAJ Condition of sample : 2 liter packaged plastic bottle Sample received on dated : 25.03.2026	Source of Sample : MES WATER SUPPLY	

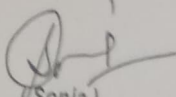
SR. No.	Parameter	Method Used	Results	Units	IS:10500:2012 (Second Revision)	
					Desirable limit	Max. Permissible limit (in absence better alternate source)
1	Total Dissolved Solids (at 180°C)	APHA,(2540 C) : 2023	228	mg/l	500	2000
2	Total Hardness (as CaCO ₃)	APHA,(2340 C) : 2023	118.8	mg/l	200	600
3	Calcium (as Ca)	APHA,(3500 Ca B) : 2023	-	mg/l	75	200
4	Magnesium (as Mg)	APHA,(3500 B) : 2023	-	mg/l	30	100
5	Total Alkalinity (as CaCO ₃)	APHA,(2320 B) : 2023	-	mg/l	200	600
6	Chloride (as Cl)	APHA,(4500 Cl B): 2023	-	mg/l	250	1000
7	Fluoride (as F)	APHA,(4500 F C): 2023	0.2	mg/l	1.0	1.5
8	Nitrate (as NO ₃)	APHA,(4500-NO ₃ B): 2023	-	mg/l	45	45
9	pH (at 25°C)	APHA,(4500 H+ B): 2023	-	pH units	6.5 to 8.5	No relaxation
10	Iron (as Fe)	IS 3025(Part 53):2023	-	mg/l	1.0	No relaxation
11	Sulphate (as SO ₄)	IS 3025(Part 24):2022	21.08	mg/l	200	400
12	Turbidity	APHA,(2130 B) : 2023	-	NTU	1	5
13	Colour	APHA, 2120 B / APHA, 2120 C: 2023	<5	HU	5	15
14	Taste	IS 3025 (Part-8): 2023	-	Qualitative	Agreeable	Agreeable
15	Odour	IS 3025 (Part-5): 2018	-	Qualitative	Agreeable	Agreeable

Note: * BDL- Below Detection Limit .

- I The results given above are related to the sample as received and tested in PHED Lab, Ambala Cantt. Reliability of sample lies with the sender/collector.
- II. The test report can't be regenerated/re-produced in whole or in part without written permission of Laboratory.
- III. The test report can't be used for any publicity or any legal purpose.
- IV. The test samples meant for chemical analysis will be disposed off after 7 days from the date of issue of test report.
- V. Sample has not been collected by this lab

Sample analyzed by: 
(Water Analyst)

Reviewed by ()
Chemist
PHED Water Testing Laboratory,
Ambala Cantt

()
Chemist
PHED Water Testing Laboratory,
Ambala Cantt.

---End of Report---