



### Test Report

Lab. ID. No : AMB /01685/5/ 2024/484

Memo No : 1210

Report Issue Date: 22/05/2024

<p><b>ISSUED TO :</b> PRINCIPAL          MAHARAJA AGGARSEIN PUBLIC SCHOOL          VILL. SAUNDA, JALBERA ROAD, AMBALA CITY</p> <p>Sample Description &amp; Type of analysis : Water (Chemical Analysis )          Customer Reference No. &amp; Date : MAPS/II/816 - 15/05/2024          Customer Name Who collected sample : K.L. SURI          Sample collected on dated : 15/05/2024          Sample received on dated : 15/05/2024</p>	<p>Date of Analysis started : 15/05/2024          Dated of analysis completed : 15/05/2024          Temperature : 26.1 °C          Humidity : 52% RH          Sample Quantity : 1 Lt.</p> <p>Source of Sample : R.O. WATER SUPPLY AT          MAHARAJA AGGARSEIN PUBLIC SCHOOL</p>
---	--

### RESULTS

S. No.	Parameter	Method Used	Results	IS: 10500:2012 (Second Revision)		Unit
				Desirable limit	Max. Permissible limit (in absence better alternate source)	
1	Total Dissolved Solid <sub>180 °C</sub>	APHA2540 C	292	500	2000	mg/l
2	Total Hardness	APHA2340 C	54.45	200	600	mg/l
3	Calcium (as Ca)	APHA3500-Ca B	9.91	75	200	mg/l
4	Magnesium (as Mg)	APHA3500 Mg B	7.21	30	100	mg/l
5	Total Alkalinity	APHA 2320 B	128.25	200	600	mg/l
6	Chloride (as Cl)	APHA 4500 Cl B	38.85	250	1000	mg/l
7	Fluoride (as F)	APHA 4500- F C	0.4	1.0	1.5	mg/l
8	pH @ 25 °C	APHA4500-H <sup>+</sup> B	7.40	6.5 to 8.5	No relaxation	pH Units
9	Nitrate (as NO <sub>3</sub> )	APHA4500-NO <sub>3</sub> D	3	45	45	Mg/l
10	Turbidity	APHA 2130 B	1.81	1 NTU	5 NTU	NTU
11	Taste	IS : 3025 PART 8	Agreeable	Agreeable	Agreeable	-----
12	Odour	IS : 3025 PART 5	Agreeable	Agreeable	Agreeable	-----

- 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 15 days from the date of issue of test report.
- V. Sample has not been collected by this lab

Sample analyzed by: Vikram (Water Analyst)

(Arpana Choudhary)  
 Authorized Signatory/Chemist  
 PHED Water Testing Laboratory,  
 Ambala Cantt.

---End of Report---