



TC-9432

### Test Report

Lab. ID. No. : AMB/02611/1296 Memo No : 2368 Report Issue Date: 31/08/22

ISSUED TO : PRINCIPAL  
D.A.V. Sr. SEC. PUBLIC SCHOOL,  
AMBALA CITY

Sample Description & Type of analysis : Water (Chemical Analysis)  
Customer Reference No. & Date : 13792 - 29.08.2022

Customer Name Who collected sample : RAJINDER Sample Quantity : 1 Lt.

Sample collected on dated : 30.08.2022 Date of Analysis started : 30.08.2022  
Sample received on dated : 30.08.2022 Dated of analysis completed : 30.08.2022  
Temperature : 25.9 °C Humidity : 59% RH

Source of Sample : GOVT. WATER SUPPLY AT SCHOOL CAMPUS

### 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 <sup>180°C</sup>	APHA2540 C	415	500	2000	mg/l
2	Total Hardness	APHA2340 C	158.1	200	600	mg/l
3	Calcium (as Ca)	APHA3500-Ca	36.79	75	200	mg/l
4	Magnesium (as Mg)	APHA3500 Mg B	16.11	30	100	mg/l
5	Total Alkalinity	APHA 2320 B	249.9	200	600	mg/l
6	Chloride (as Cl)	APHA 4500 Cl B	24.28	250	1000	mg/l
7	Fluoride (as F)	APHA 4500- F C	0.5	1.0	1.5	mg/l
8	pH @ 25 °C	APHA4500-H <sup>+</sup> B	7.38	6.5 to 8.5	No relaxation	pH
9	Nitrate (as NO <sub>3</sub> )	APHA4500-NO <sub>3</sub> D	6	45	45	Mg/l

- 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---

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RESULTS						
S. No.	Parameter	Method Used	Results	IS: 10500:2012 (Second Revision)		Unit
				Desirable limit	Max. Permissible limit (in absence better alternate source)	
1	Taste	Qualitative	Agreeable	Agreeable	Agreeable	-----
2	Odour	---do---	Agreeable	Agreeable	Agreeable	-----
3	Colour	APHA2120 B	0	5 HU	15 HU	HU
4	Turbidity	APHA 2130 B	1.36	1 NTU	5 NTU	NTU
5	Iron as Fe	APHA 3500 Fe B	0.11	1.0	No Relaxation	
6	Sulphate (as SO <sub>4</sub> )	APHA 4500 So <sub>4</sub>	53	200	400	Mg/l

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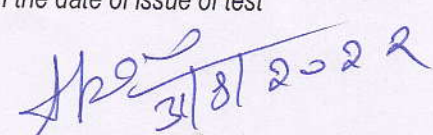
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