



TC-11985



Test Report

Lab. ID. No : AMB /00830/4/2024/280

Memo No : 919

Report Issue Date: 30/4/2024

ISSUED TO: PRINCIPAL AKAL ACADEMY HOLI BARARA AMBALA Sample Description & Type of analysis : Water (Chemical Analysis) Customer Reference No. & Date : NIL- 23.04.2024 Customer Name Who collected sample : SUMITKUMAR Sample collected on dated : 23.04.2024 Sample received on dated : 23.04.2024	Date of Analysis started : 24.04.2024 Dated of analysis completed : 24.04.2024 Temperature : 22.5°C Humidity : 57% RH Sample Quantity : 1 Lt. Source of Sample : PERSONAL BOREWELL WATER SUPPLY AT AKAL ACADEMY
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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	Total Dissolved Solid _{180°C}	APHA2540 C	391	500	2000	mg/l
2	Total Hardness	APHA2340 C	116.15	200	600	mg/l
3	Calcium (as Ca)	APHA3500-Ca B	32.38	75	200	mg/l
4	Magnesium (as Mg)	APHA3500 Mg B	8.59	30	100	mg/l
5	Total Alkalinity	APHA 2320 B	297.6	200	600	mg/l
6	Chloride (as Cl)	APHA 4500 Cl B	16.50	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 ⁺ B	7.51	6.5 to 8.5	No relaxation	pH Units
9	Nitrate (as NO ₃)	APHA4500-NO ₃ D	4	45	45	Mg/l
10	Turbidity	APHA 2130 B	1.83	1 NTU	5 NTU	NTU
11	Taste	IS : 3025 PART 8	agreeable	Agreeabl	Agreeable	-----
12	Odour	IS : 3025 PART 5	agreeable	Agreeabl	Agreeable	-----

- I. The results given above are related to the sample as received and tested in PHED Lab, AmbalaCantt. 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)

(Signature)
Principal
AKAL ACADEMY
Holi (Barara) Ambala

(Signature)
 (Arpana Choudhary)
 Authorized Signatory/Chemist
 PHED Water Testing Laboratory,
 AmbalaCantt

(Signature)

---End of Report---

Govt. of Haryana
Public Health Engineering Department, Water Testing Laboratory Ambala Cantt. 133001
Email id: chemist.ambala@gmail.com

Test Report

Lab. ID. No.: AMB / 00830/4/2024/280

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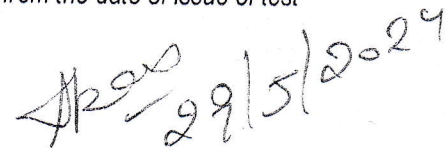
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RESULTS						
S. No.	Parameter	Method Used	Results	IS: 10500:2012 (Second Revision)		Unit
				Desirable limit	Max. Permissible limit (in absence better alternate source)	
1	Colour	APHA2120 B	<5	5 HU	15 HU	HU
2	Iron as Fe	APHA 3500 Fe B	0.04	1.0	No Relaxation.	Mg/l
3	Sulphate (as S04)	APHA 4500 So4	34	200	400	Mg/l

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Sample analyzed by: Vikram (Water Analyst)


Principal
AKAL ACADEMY
Holi (Barara) Ambala


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


Manager
Akal Academy
The Kaigodhar Society (HP)