

Test Report

Lab. ID. No. : AMB / 01216 / 06 / 0548

Memo No : 1556

Report Issue Date: 14/6/2023

ISSUED TO: AKAL ACADEMY V.P.O. HOLI, TEHSIL BARARA DISTT. AMBALA (HAYANA)	Date of Analysis started : 13/06/2023 Dated of analysis completed : 13/06/2023 Temperature : 26.8°C Humidity : 48% RH Sample Quantity : 1 Lt.
Sample Description & Type of analysis : Water (Chemical Analysis) Customer Reference No. & Date : HR/AAH/2023-24/21 - 7/06/2023 Customer Name Who collected sample : SUMIT KUMAR Sample collected on dated : 13/06/2023 Sample received on dated : 13/06/2023	Source of Sample : R.O ON TAP WATER SUPPLY AT AKAL ACADEMY

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	396	500	2000	mg/l
2	Total Hardness	APHA2340 C	133.65	200	600	mg/l
3	Calcium (as Ca)	APHA3500-Ca B	33.72	75	200	mg/l
4	Magnesium (as Mg)	APHA3500 Mg B	12.02	30	100	mg/l
5	Total Alkalinity	APHA 2320 B	340.8	200	600	mg/l
6	Chloride (as Cl)	APHA 4500 Cl B	14.56	250	1000	mg/l
7	Fluoride (as F)	APHA 4500- F C	0.6	1.0	1.5	mg/l
8	pH @ 25 °C	APHA4500-H ⁺ B	7.59	6.5 to 8.5	No relaxation	pH Units
9	Nitrate (as NO ₃)	APHA4500-NO ₃ D	5	45	45	Mg/l
10	Turbidity	APHA 2130 B	1.82	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, 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

(Arpana Choudhary)

Authorized Signatory/Chemist
PHED Water Testing Laboratory,
AmbalaCantt.

Sample analyzed by: Vikram (Water Analyst)

Govt. of Haryana
Public Health Engineering Department, Water Testing Laboratory Ambala Cantt. 133001
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RESULTS						
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				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	0.06	1.0	No Relaxation	Mg/l
3	Sulphate (as SO ₄)	APHA 4500 So ₄	42	200	400	Mg/l

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Sample analyzed by: Vikram (Water Analyst)

(Arpana Choudhary)
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PHED Water Testing Laboratory,
Ambala Cantt.