

Test Report

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

Memo No : 1556

Report Issue Date: 14/6/2023

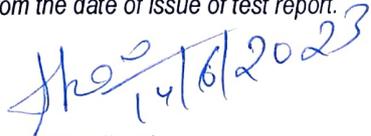
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|--|---|
| <p>ISSUED TO: AKAL ACADEMY V.P.O. HOLI, TEHSIL BARARA DISTT. AMBALA (HAYANA)</p> <p>Sample Description & Type of analysis : Water (Chemical Analysis) Customer Reference No. & Date : HR/AAH/2023-24/21 - 7/06/2023 Customer Name Who collected sample : SUMIT KUMAR Sample collected on dated : 13/06/2023 Sample received on dated : 13/06/2023</p> | <p>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.</p> <p>Source of Sample : R.O ON TAP WATER SUPPLY AT AKAL ACADEMY</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 ^{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

Sample analyzed by:  Vikram (Water Analyst)


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

Test Report

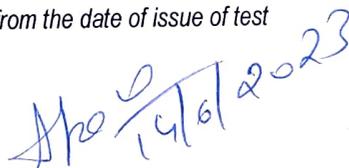
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| RESULTS | | | | | | |
|---------|--------------------------------|---------------------------|---------|----------------------------------|---|------|
| S. No. | Parameter | Method Used | Results | IS: 10500:2012 (Second Revision) | | Unit |
| | | | | Desirable limit | Max. Permissible limit (in absence better alternate source) | |
| 1 | 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)


(ArpanaChoudhary)
Authorized Signatory/Chemist
PHED Water Testing Laboratory,
AmbalaCantt.