

TEST REPORT



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|---------------------------------------|---|-----------------------------------|--------------------------------|
| ULR No. : TC118182400002611F | | Test Report No. : Nwal210324NA017 | |
| Type of Sample : Water-Drinking Water | | | |
| Customer Name | St. Soldiers International Convent School | Work Order No. & Date | Telephonic Order DT:20.03.2024 |
| Address | Phase-7, Mohali (Punjab) | Customer reference No. (If any) | NA |
| | | Date of Sampling | 21/03/2024 |
| Sampling Protocol | IS 17614 (Part 1), EL-MSP-7.3 | Date of Sample Receipt | 21/03/2024 |
| Sample Collection Mode | Mr. Gurcharan (Eco Rep.) | Period of Analysis | 21/03/2024 To 26/03/2024 |
| Testing Location | Permanent Facility | Date of Reporting | 26/03/2024 |
| Sampling Location | After RO (Water Cooler Tap- Near Class Room XIIE) | | |
| Sample Description | Clear, colourless liquid. | | |
| Standard/Specification | IS 10500 : 2012 | | |
| Packing, Markings, Seal & Qty. | 2 litre Plastic & 500ml Glass Bottle Marked G/21/01 | | |

RESULTS

I. Chemical Testing

1. Water (Drinking Water)

| S.No. | Test Parameter | Unit | Result | Acceptable Limit | Permissible Limit in Absence of Alternate Source | Detection Limit | Test Method |
|-------|---------------------------|------|-----------|------------------|--|-----------------|---|
| 1 | Colour | CU | BDL | 5 | 15 | 1 | IS 3025 (Part 4) CI 2.0 |
| 2 | Odour | - | Agreeable | Agreeable | Agreeable | - | IS 3025 (Part 5) |
| 3 | pH @ 25 °C | - | 6.78 | 6.5-8.5 | No relaxation | 0.5 | IS 3025 (Part 11) |
| 4 | Taste | - | Agreeable | Agreeable | Agreeable | - | IS 3025 (Part 8) |
| 5 | Turbidity | NTU | BDL | 1 | 5 | 0.1 | IS 3025 (Part 10) |
| 6 | Total Dissolved Solids | mg/l | 150 | 500 | 2000 | 5 | IS 3025 (Part 16) |
| 7 | Calcium as Ca | mg/l | 26 | 75 | 200 | 1 | IS 3025 (Part 40) |
| 8 | Chloride as Cl | mg/l | 16 | 250 | 1000 | 1 | IS 3025 (Part 32) |
| 9 | Fluoride as F | mg/l | 0.35 | 1.0 | 1.5 | 0.1 | IS 3025 (Part 60) |
| 10 | Iron as Fe | mg/l | 0.12 | 1.0 | No relaxation | 0.001 | USEPA 3015A |
| 11 | Magnesium as Mg | mg/l | 2.4 | 30 | 100 | 1 | IS 3025 (Part 46) |
| 12 | Nitrate as NO3 | mg/l | 14 | 45 | No relaxation | 1 | APHA 23rd Ed 4500 B UV Screening Method |
| 13 | Sulphate as SO4 | mg/l | 27 | 200 | 400 | 1 | IS 3025 (Part 24) CI 4.0-Turbidity Method |
| 14 | Total Alkalinity as CaCO3 | mg/l | 80 | 200 | 600 | 1 | IS 3025 (Part 23) |
| 15 | Total Hardness as CaCO3 | mg/l | 75 | 200 | 600 | 1 | IS 3025 (Part 21) |


Lata Thakur

Authorized Signatory-Biological


Umesh Kumar

Authorized Signatory-Chemical



ULR No. : TC1181824000002611F

Test Report No. : NWAL210324NA017

Type of Sample : Water- Drinking Water

II. Biological Testing

2. Water (Drinking Water)

| S.No. | Test Parameter | Unit | Result | Acceptable Limit | Permissible Limit in Absence of Alternate Source | Detection Limit | Test Method |
|-------|----------------|--------------------------|--------|------------------|--|-----------------|-------------|
| 1 | Total Coliform | Present or Absent/100 ml | Absent | Absent | - | - | IS 15185 |
| 2 | E. coli | Present or Absent/100 ml | Absent | Absent | - | - | IS 15185 |

Remarks : NA

OTHER INFORMATION

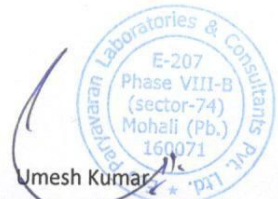
Abbreviation : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

Terms & Conditions : Please refer terms and conditions on backside of Test Report (Page-1)

End of Report

Lata Thakur

Authorized Signatory-Biological



Umesh Kumar

Authorized Signatory-Chemical

TEST REPORT NO : NWAL210324NA017
SAMPLE CODE: 032198224



After RO (Water Cooler Tap-
Near Class Room XIIE)

