

JALKAL LABORATORY (HQ), NAGAR NIGAM, AGRA

Chemical Water Analysis Test Report

Source of Sample — R.O.

Agency/Deptt.-Vidhya International School Radha Nagar, Foundry Nagar, Agra-282006

जल नमूना - 692 / Cov / 2024

Date and Time of Collection: 26-03-2024 (09.30 am) Date of Receipt 26-03-2024 (12.30 pm)

| Sr. No | Parameters | IS : 10500(1991) (2012) | Result | Unit |
|--------|---|----------------------------|--------|---------|
| 1 | Turbidity | 1.0-5.0 | NIL | NTU/1 |
| 2 | Colour | 5.0-15.0 | NIL | P.Scale |
| 3 | pH | 6.5-8.5 | 7.24 | - |
| 4 | Total Dissolved Solids (TDS) | 500.2-2000.0 | 114 | Mg/L |
| 5 | Total Hardness as CaCO ₃ | 200-600 | 92 | Mg/L |
| 6 | Calcium Hardness | - | 52 | Mg/L |
| 7 | Magnesium Hardness | - | 40 | Mg/L |
| 8 | Total Alkalinity (M) as CaCO ₃ | 200.0-600.0 | 210 | Mg/L |
| 9 | Chlorides | 250.0-1000 | 42 | Mg/L |
| 10 | Sulphate | 200-400 | NIL | Mg/L |
| 11 | Nitrates | 45-100 | NIL | Mg/L |
| 12 | Flourides | 1.0-1.5 | NIL | Mg/L |
| 13 | Calcium as Ca ⁺⁺ | 75.0-200.2 | 20.8 | Mg/L |
| 14 | Magnicium as Mg ⁺⁺ | 30.0-100 | 9.76 | Mg/L |
| 15 | Iron as Fe | 0.30-1.0 | NIL | Mg/L |
| 16 | Maganese ⁿ | 0.1-0.3 | NIL | Mg/L |

THE SAMPLE IS COLLECTED AND DEPOSITED BY THE PARTY ITSELF

Bacteriological Test Report

| | | | Result | | |
|---|----------|-----|--------|-----|------------|
| 1 | Coliform | NIL | NIL | NIL | CFU/100 MI |
| 2 | E.Coli | NIL | NIL | NIL | CFU/100 MI |

Remark:- The result conforms to standard IS : 10500 (2012) hence potable.



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