



District Laboratory Nadiad
O/o The Executive Engineer
Gujarat Water Supply and Sewerage Board,
D-Block, 3rd Floor, Room No.308,
Sardar Patel Bhavan,
Mill Road, Nadiad-387001,
District- Kheda(Gujarat)
Phone No.- 0268-2565296



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જીલ્લા પ્રયોગશાળા નડિયાદ
કાર્યપાલક ઈજનેરશ્રીની કચેરી,
ગુજરાત પાણી પુરવઠા અને ગટર વ્યવસ્થા બોર્ડ
રૂમ નં - ૩૦૮, બ્લોક - ડી, ત્રીજો માળ,
સરદાર પટેલ ભવન,
મીલ રોડ, નડિયાદ - ૩૮૭૦૦૧
જીલ્લો - ખેડા(ગુજરાત)
ફોન નં - ૦૨૬૮-૨૫૬૫૨૯૬



TC- 11926

Test Report

Name & Address of Customer *:-

K.I.JACOB

Bharatiya Vidya Bhavan,

Smt.M.K.Patel School,

NH No.-08,Narsanda-Vadtal Crossing,

At.Narsanda Tal.Nadiad

Dist.Kheda

Customer Reference No. *: Nil/Dt.03/07/2025

Sample Submitted by: Customer

Date of Sample Collection: 03.07.2025

Date of Sample Receipt: 03.07.2025

Analysis Starting Date: 04.07.2025

Analysis Completion Date: 04.07.2025

ULR No: TC119262500000402F

| | | | | | |
|-----------------|---|-----------------|----------|--------|--------------|
| Test Report No: | 202/2025-26 | Discipline : | Chemical | Group: | Water |
| Sample ID: | KCW-202/07-2025 | Date of Issue: | | | 05.07.2025 |
| Customer ID *: | --- | Mode of Sample: | | | Satisfactory |
| Main Source *: | Ground Water | Source *: | | | Tube Well |
| Location *: | Tap Water From R.O. Filter In The School Compound | | | | |
| Village *: | Narsanda | Habitation *: | | | Narsanda |
| Taluka *: | Nadiad | District *: | | | Kheda |
| Latitude *: | --- | Longitude *: | | | --- |

Kindly find herewith the Analytical Results.

Sample Type: Drinking Water

| Sr.No. | Parameter | Unit | Reference Method : | Analytical Value |
|--------|--|-------|---|------------------|
| 1 | Colour | Hazen | APHA (24 th Edition), Method: 2120 B | 1 |
| 2 | Odour | - | IS:3025 (Part 5) Second Revision | Agreeable |
| 3 | Taste | - | IS:3025 (Part 8) | Agreeable |
| 4 | Turbidity | NTU | APHA (24 th Edition), Method: 2130 B | 0.68 |
| 5 | pH at 25 °C | - | APHA (24 th Edition), Method: 4500 H ⁺ B | 7.50 |
| 6 | Conductivity at 25 °C | µS/cm | APHA (24 th Edition), Method: 2510 B | 145 |
| 7 | Total Dissolved Solids | mg/L | APHA (24 th Edition), Method: 2540 C | 86 |
| 8 | Total Hardness (as CaCO ₃) | mg/L | APHA (24 th Edition), Method: 2340 C | 16 |
| 9 | Calcium (as Ca ⁺²) | mg/L | APHA (24 th Edition), Method: 3500 Ca ⁺² B | BDL |
| 10 | Magnesium (as Mg ⁺²) | mg/L | APHA (24 th Edition), Method: 3500-Mg ⁺² B | BDL |
| 11 | Chloride (as Cl ⁻) | mg/L | APHA (24 th Edition), Method: 4500-Cl ⁻ B | 24 |
| 12 | Sulphate (as SO ₄ ⁻²) | mg/L | APHA (24 th Edition), Method: 4500-SO ₄ ⁻² E | 3.37 |
| 13 | Nitrate (as NO ₃ ⁻) | mg/L | APHA (24 th Edition), Method: 4500-NO ₃ ⁻ B | 3.20 |
| 14 | Fluoride (as F ⁻) | mg/L | APHA (24 th Edition), Method: 4500-F ⁻ C | BDL |
| 15 | Total Alkalinity (as CaCO ₃) | mg/L | APHA (24 th Edition), Method: 2320 B | 36 |

This Report is issued under the following terms & Condition :

1. This report is referring only to the tested sample and for applicable parameter.
2. The sample will be destroyed after retention time unless otherwise specified specially.
3. This report is not to be reproduce wholly or in part, and can't be used be as evidence in court of law.
4. Please refer back page for IS 10500:2012 (2nd Revision) limits.
5. Abbreviations : BDL= Below Detection Limit, UDL= Upper Detection Limit
6. Disclaimer : Information marked by " * " is provided by the customer.

Checked & Issued By:

Nilofar A. Luhar

Nilofar A.Luhar

Authorised Signatory

O.W.No. DL Nadiad /12657 of 2025, Dt. 25 / 07 / 2025

----- End of the Test Report -----

IS-10500:2012 (2nd Revision)

| Sr. No. | Parameter | Unit | Requirement (Acceptable Limit) | Permissible Limit in the Absence of Alternate Source | Range of Activity/Limit of detection |
|---------|--|-------|--------------------------------|--|--------------------------------------|
| | | | Max. | Max. | |
| 1 | Colour | Hazen | 5 | 15 | 1 Hazen Unit to 100 Hazen Unit |
| 2 | Odour | - | Agreeable | Agreeable | Qualitative |
| 3 | Taste | - | Agreeable | Agreeable | Qualitative |
| 4 | Turbidity | NTU | 1 | 5 | 0.5 NTU to 100 NTU |
| 5 | pH at 25 ^o C | - | 6.5 to 8.5 | No relaxation | 2.0 to 12.0 |
| 6 | Conductivity at 25 °C | µS/cm | -- | -- | 2 µS/cm to 20000 µS/cm |
| 7 | Total Dissolved Solids | mg/L | 500 | 2000 | 5 mg/L to 10000 mg/L |
| 8 | Total Hardness (as CaCO ₃) | mg/L | 200 | 600 | 5 mg/L to 5000 mg/L |
| 9 | Calcium (as Ca) | mg/L | 75 | 200 | 5 mg/L to 2000 mg/L |
| 10 | Magnesium (as Mg) | mg/L | 30 | 100 | 5 mg/L to 1000 mg/L |
| 11 | Chloride (as Cl) | mg/L | 250 | 1000 | 5 mg/L to 5000 mg/L |
| 12 | Sulphate (as SO ₄) | mg/L | 200 | 400 | 1 mg/L to 1000 mg/L |
| 13 | Nitrate (as NO ₃) | mg/L | 45 | No relaxation | 1 mg/L to 100 mg/L |
| 14 | Fluoride (as F) | mg/L | 1 | 1.5 | 0.1 mg/L to 50 mg/L |
| 15 | Total Alkalinity (as CaCO ₃) | mg/L | 200 | 600 | 5 mg/L to 2000mg/L |