



પ્રાદેશીક જાહેર આરોગ્ય
ઇજનેરી પ્રયોગશાળા,
ગુજરાત પાણી પુરવઠા
અને ગટર વ્યવસ્થા બોર્ડ,
પાલનપુર - ૩૮૫૦૦૧

Regional Public Health
Engineering Laboratory,
Gujarat Water Supply
& Sewerage Board
Palanpur - 385001



Test Report

Name & Address of Customer:-
The Assistant Manager, Admin - Estate,
Vidyamandir Trust,
Palanpur
Pvt

Customer Reference No. & Date: -, 06/Feb/2025
Sample Submitted by : Customer
Date of Sample Receipt : 06-Feb-2025
Analysis Starting Date : 07-Feb-2025
Analysis Completion Date : 07-Feb-2025
Dicipline : Chemical Testing, Group : Water

| | | | | |
|--|--|-------|--|------------------|
| Test Report No.: 559 / 2024-2025. | | | Date of Issue : 10-Feb-2025 | |
| Sample ID : PCW :- 559 / 02-2025 | | | Mode of Sample: Satisfactory | |
| Main Source : Ground water | | | Source : R.O. Water | |
| Location : RO Water, Vidyamandir English Medium School, Parnkutir Campus, Nr. Shaktinagar Part-2 | | | | |
| Village : Palanpur | | | Habitation : Palanpur | |
| Taluka : Palanpur | | | District : Banaskantha | |
| Latitude : - | | | Longitude : - | |
| Kindly find herewith the Analytical Results. | | | Sample Type: Drinking Water | |
| Sr.No. | Parameter | Unit | Reference Method : | Analytical Value |
| 1 | Colour | Hazen | APHA (23rd Ed.2017), Method: 2120 C | < 2 |
| 2 | Odour | - | IS : 3025 (Part 5) - 2013 | Agreeable |
| 3 | Turbidity | NTU | APHA (23rd Ed.2017), Method: 2130 B | < 1 |
| 4 | pH at 25 ⁰ C | - | APHA (23rd Ed.2017) Method: 4500 H+ B | 7.90 |
| 5 | Conductivity at 25 ⁰ C | µS/cm | APHA (23rd Ed.2017) Method: 2510 B | 95 |
| 6 | Total Dissolved Solids | mg/L | APHA (23rd Ed.2017) Method: 2540 C | 62 |
| 7 | Total Hardness (as CaCO ₃) | mg/L | APHA (23rd Ed.2017) Method: 2340 C | 28 |
| 8 | Calcium (as Ca ⁺²) | mg/L | APHA (23rd Ed.2017) Method: 3500 Ca+2 B | 8 |
| 9 | Magnessium (as Mg ⁺²) | mg/L | APHA (23rd Ed.2017) Method: 3500-Mg+2 B | < 5 |
| 10 | Chloride (as Cl ⁻) | mg/L | APHA (23rd Ed.2017) Method: 4500-Cl – B | 20 |
| 11 | Sulphate (as SO ₄ ⁻²) | mg/L | APHA (23rd Ed.2017) Method: 4500-SO4-2 E | <10 |
| 12 | Nitrate (as NO ₃ ⁻) | mg/L | APHA (23rd Ed.2017) Method: 4500-NO3- B | 2.23 |
| 13 | Fluoride (as F ⁻) | mg/L | APHA (23rd Ed.2017) Method: 4500-F – C | < 0.1 |
| 14 | Total Alkalinity (as CaCO ₃) | mg/L | APHA (23rd Ed.2017) Method: 2320 B | 28 |

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. Sample is collected by sender.

Checked By :

Binal Chaudhary

Binal Chaudhary
Analyst / Dy. Tech. Manager

Analyst
R.P.H.E. Laboratory
G.W.S.S. Board
Palanpur



Manager - HR
Vidyamandir Trust, Palanpur

Issued By:

Rajan Chavda

Rajan Chavda

Authorized Signatory
Quality Manager
R.P.H.E. Laboratory
G.W.S.S. Board
Palanpur

Acting Director
Vidyamandir Trust
PALANPUR-385001

End of the Test Report

O.W.No. RPHELPLN/CTR/ 370 of 2025, Dt.10-02-2025

Address: Ground Floor, "Jalbhavan", Nr. Adarsh High School, Dairy Road, Palanpur-385001

Email: rphelpn@gmail.com

IS-10500:2012 (2nd Revision)

| Sr. No. | Parameter | Unit | Requirement (Acceptable Limit) | Permissible Limit in the Absence of Alternate Source |
|---------|--|-------|--------------------------------|--|
| | | | Max. | Max. |
| 1 | Colour | Hazen | 5 | 15 |
| 2 | Odour | - | Agreeable | Agreeable |
| 3 | Turbidity | NTU | 1 | 5 |
| 4 | pH at 25 ⁰ C | - | 6.5 to 8.5 | No relaxation |
| 5 | Conductivity at 25 ⁰ C | μS/cm | - | - |
| 6 | Total Dissolved Solids | mg/L | 500 | 2000 |
| 7 | Total Hardness (as CaCO ₃) | mg/L | 200 | 600 |
| 8 | Calcium (as Ca) | mg/L | 75 | 200 |
| 9 | Magnesium (as Mg) | mg/L | 30 | 100 |
| 10 | Chloride (as Cl) | mg/L | 250 | 1000 |
| 11 | Sulphate (as SO ₄) | mg/L | 200 | 400 |
| 12 | Nitrate (as NO ₃) | mg/L | 45 | No relaxation |
| 13 | Fluoride (as F) | mg/L | 1 | 1.5 |
| 14 | Total Alkalinity (as CaCO ₃) | mg/L | 200 | 600 |


 Manager - HR
 Vidyamandir Trust, Palanpur.