



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 Managing Trusty,  
Matrushri R.R. Govinda Foundation Trust,  
Palanpur  
Pvt

Customer Reference No.& Date: -, 28/Jul/2025

Sample Submitted by : Customer

Date of Sample Receipt : 28-Jul-2025

Analysis Starting Date : 29-Jul-2025

Analysis Completion Date : 29-Jul-2025

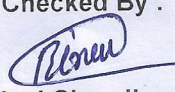
Dicipline : Chemical Testing, Group : Water

Test Report No.: 242 / 2025-2026.			Date of Issue : 29-Jul-2025	
Sample ID : PCW :- 242 / 07-2025			Mode of Sample: Satisfactory	
Main Source : Ground water			Source : R.O. Water	
Location : R.O. Water, Matrushri R.R. Govinda Foundation Trust, Dairy Road				
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) - 2018	Agreeable
3	Turbidity	NTU	APHA (23rd Ed.2017), Method: 2130 B	1.02
4	pH at 25 <sup>0</sup> C	-	APHA (23rd Ed.2017) Method: 4500 H+ B	6.87
5	Conductivity at 25 <sup>0</sup> C	μS/cm	APHA (23rd Ed.2017) Method: 2510 B	148
6	Total Dissolved Solids	mg/L	APHA (23rd Ed.2017) Method: 2540 C	92
7	Total Hardness (as CaCO <sub>3</sub> )	mg/L	APHA (23rd Ed.2017) Method: 2340 C	24
8	Calcium (as Ca <sup>+2</sup> )	mg/L	APHA (23rd Ed.2017) Method: 3500 Ca+2 B	5
9	Magnessium (as Mg <sup>+2</sup> )	mg/L	APHA (23rd Ed.2017) Method: 3500-Mg+2 B	< 5
10	Chloride (as Cl <sup>-</sup> )	mg/L	APHA (23rd Ed.2017) Method: 4500-Cl – B	32
11	Sulphate (as SO <sub>4</sub> <sup>-2</sup> )	mg/L	APHA (23rd Ed.2017) Method: 4500-SO4-2 E	<10
12	Nitrate (as NO <sub>3</sub> <sup>-</sup> )	mg/L	APHA (23rd Ed.2017) Method: 4500-NO3- B	8.07
13	Fluoride (as F <sup>-</sup> )	mg/L	APHA (23rd Ed.2017) Method: 4500-F – C	0.38
14	Total Alkalinity (as CaCO <sub>3</sub> )	mg/L	APHA (23rd Ed.2017) Method: 2320 B	36

This Report is issued under the following terms & Condition :

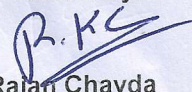
1. This report is referring only to the tested sample and for applicable parameter.
2. The sample will be destroyed after retention time unless otherwise specified specially.
3. This report is not to be reproduce wholly or in part, and can't be used be as evidence in court of law.
4. Please refer back page for IS 10500:2012 (2nd Revision) limits.
5. Sample is collected by sender.

Checked By :

  
Binal Chaudhary  
Analyst / Tech. Manager  
Technical Manager  
R.P.H.E. Laboratory  
G.W.S.S. Board  
Palanpur



Issued By:

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

End of the Test Report

O.W.No. RPHELPLN/CTR/ 524 of 2025, Dt.29-07-2025

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

Email: rphelpnl@gmail.com



## IS-10500:2012 (2<sup>nd</sup> 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°C	-	6.5 to 8.5	No relaxation
5	Conductivity at 25°C	μS/cm	-	-
6	Total Dissolved Solids	mg/L	500	2000
7	Total Hardness (as CaCO <sub>3</sub> )	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 <sub>4</sub> )	mg/L	200	400
12	Nitrate (as NO <sub>3</sub> )	mg/L	45	No relaxation
13	Fluoride (as F)	mg/L	1	1.5
14	Total Alkalinity (as CaCO <sub>3</sub> )	mg/L	200	600





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ગુજરાત પાણી પુરવઠા  
અને ગટર વ્યવસ્થા બોર્ડ,  
પાલનપુર - ૩૮૫૦૦૧

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



## REPORT ON BACTERIOLOGICAL EXAMINATION OF WATER

### Name & Address

The Managing Trusty  
Matrushri R.R. Govinda Foundation Trust,  
Palanpur  
Pvt

Sender's Ref. No. : -

Ref. Date : 28-Jul-25

Date of Collection : 28-Jul-25

Date of Receipt at Lab : 28-Jul-25

Sample collected by : Customer

Lab Ref. i.e. BW No.	243
Date of Commencing Examination	28-Jul-25
Source of Water Sample	R.O. Water
Source Details	R.O. Water, Matrushri R.R. Govinda Foundation Trust, Dairy Road - -
Village	Palanpur
Habitation	Palanpur
Taluka	Palanpur
District	Banaskantha
APHA, AWWA, 9221-D Presence - Absence Coliform Test, @ 37° C	0
APHA, AWWA, 9221-F Presence - Absence E-Coli Test, @ 37° C	0
Free Chlorine ( PPM )	Nil
OPINION FOR POTABILITY AS PER THE BIS:10500:2012	Potable

### Important Note:-

1) '>=' Indicates greater than or equal to, 2) '<' Indicates less than

### NOTE : Table - 6 Bacteriological Quality of Drinking Water (BIS:10500:2012) : Second Revision.

@ All Water Intended for Drinking -

(a) E.coli or Thermotolerant coliform bacteria shall not be detectable in any 100ml sample.

@ Treated Water Entering the Distribution system & Treated Water in the Distribution system -

(a) E.coli or Thermotolerant coliform bacteria shall not be detectable in any 100ml sample.

(b) Total coliform bacteria shall not be detectable in any 100ml sample.

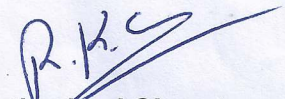
@ 0.2ppm Free Residual Chlorine at consumer end is recommended.

2) Test Report is issued for assessing Bacteriological Fitness as per the BIS 10500:2012 for the given Drinking Water Sample only.

3) This Report should not be taken as a basis to getting license from any Government authority.

4) After Collection of Bact. Sample, it must be preserved at 4°C and submitted to laboratory within 24hrs.

O.W.No. RPHELPLN/BAR/ 524 of 2025, Dt.29-07-2025

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

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

Email: rphelpn@gmail.com