



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

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



QF-DL/7.8/1-41

## Test Report

Name & Address of Customer:-  
The Medical Officer,  
Primary Health Center,  
Ratanpur  
Other Govt

Customer Reference No.& Date: -, 21/Jan/2026  
Sample Submitted by : Customer  
Date of Sample Receipt : 21-Jan-2026  
Analysis Starting Date : 22-Jan-2026  
Analysis Completion Date : 22-Jan-2026  
Dicipline : Chemical Testing, Group : Water

Test Report No.: 1791 / 2025-2026.	Date of Issue : 22-Jan-2026			
Sample ID : PCW :- 1791 / 01-2026	Mode of Sample: Satisfactory			
Main Source : Ground water	Source : R.O. Water			
Location : R.O. Water, Trupt Minral Water Plant, Nr. Patnivas				
Village : Jagana	Habitation : Jagana			
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 (24rd Ed.2023), Method: 2120 B	< 2
2	Odour	-	IS : 3025 (Part 5) - 2018	Agreeable
3	Turbidity	NTU	APHA (24rd Ed.2023), Method: 2130 B	-
4	pH at 25°C	-	APHA (24rd Ed.2023) Method: 4500 H+ B	7.24
5	Conductivity at 25°C	μS/cm	APHA (24rd Ed.2023) Method: 2510 B	224
6	Total Dissolved Solids	mg/L	APHA (24rd Ed.2023) Method: 2540 C	140
7	Total Hardness (as CaCO <sub>3</sub> )	mg/L	APHA (24rd Ed.2023) Method: 2340 C	80
8	Calcium (as Ca <sup>+2</sup> )	mg/L	APHA (24rd Ed.2023) Method: 3500 Ca+2 B	24
9	Magnesium (as Mg <sup>+2</sup> )	mg/L	APHA (24rd Ed.2023) Method: 3500-Mg+2 B	5
10	Chloride (as Cl <sup>-</sup> )	mg/L	APHA (24rd Ed.2023) Method: 4500-Cl - B	20
11	Sulphate (as SO <sub>4</sub> <sup>-2</sup> )	mg/L	APHA (24rd Ed.2023) Method: 4500-SO4-2 E	-
12	Nitrate (as NO <sub>3</sub> <sup>-</sup> )	mg/L	APHA (24rd Ed.2023) Method: 4500-NO3- B	24.38
13	Fluoride (as F <sup>-</sup> )	mg/L	APHA (24rd Ed.2023) Method: 4500-F - C	0.11
14	Total Alkalinity (as CaCO <sub>3</sub> )	mg/L	APHA (24rd Ed.2023) 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  
Chemist / 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/ 27 of 2026, Dt.22-01-2026

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

Email: rphelpn@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 <sup>0</sup> C	-	6.5 to 8.5	No relaxation
5	Conductivity at 25 <sup>0</sup> 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



પ્રાદેશીક જાહેર આરોગ્ય  
ઈજનેરી પ્રયોગશાળા,  
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 Medical Officer,  
Primary Health Center,  
Ratanpur  
Other Govt

Sender's Ref. No. : -

Ref. Date : 21-Jan-26

Date of Collection : 21-Jan-26

Date of Receipt at Lab : 21-Jan-26

Sample collected by : Customer

Lab Ref. i.e. BW No.	1787
Date of Commencing Examination	21-Jan-26
Source of Water Sample	R.O. Water
Source Details	R.O. Water, Trupt Minral Water Plant, Nr. Patnivas
Village	Jagana
Habitation	Jagana
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 <b>NOTE : Table - 6 Bacteriological Quality of Drinking Water (BIS:10500:2012) : Second Revision.</b> @ 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/ 27 of 2026, Dt.22-01-2026

  
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: rpHELPLN@gmail.com