



જીલ્લા પ્રયોગશાળા,
ગુજરાત પાણી પુરવઠા
અને ગટર વ્યવસ્થા બોર્ડ
પાટણ - ૩૮૪૨૬૫



District Laboratory,
Gujarat Water Supply
& Sewerage Board
Patan - 385001



TC-12101

E-mail : dlabb.patan@gmail.com

Test Report

Name & Address of Customer:-

The Principal

Kendriya Vidyalaya

Patan

Govt.

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Customer Reference No. & Date: ---, 23/Apr/2025

Sample Submitted by : Customer

Date of Sample Receipt : 23-Apr-2025

Analysis Starting Date : 24-Apr-2025

Analysis Completion Date : 24-Apr-2025

ULR No.: TC121012400000043F

Dicipline : Chemical Testing, Group : Drinking Water

Test Report No.: 45 / 2025-2026.			Date of Issue : 24-Apr-2025	
Sample ID : PCW-45 / 04-2025			Mode of Sample: Satisfactory	
Main Source : Ground Water			Source : Tubewell	
Location : R.O Plant, School Campus				
Village : Chormarpura			Habitation : Chormarpura	
Taluka : Saraswati			District : Patan	
Latitude : ---			Longitude : ---	
Kindly find herewith the Analytical Results.			Sample Type: Drinking Water	
Sr.No.	Parameter	Unit	Reference Method :	Analytical Value
1	Colour	Hazen	APHA (23 rd Ed.2017), Method: 2120 B	1.00
2	Odour	-	IS : 3025 (Part 5) - 2018	Agreeable
3	Taste	-	IS : 3025 (Part 8) - 1984	Agreeable
4	Turbidity	NTU	APHA (23 rd Ed.2017), Method: 2130 B	1.04
5	pH at 25°C	-	APHA (23 rd Ed.2017) Method: 4500 H ⁺ B	8.21
6	Total Dissolved Solids	mg/L	APHA (23 rd Ed.2017) Method: 2540 C	68
7	Total Hardness (as CaCO ₃)	mg/L	APHA (23 rd Ed.2017) Method: 2340 C	32
8	Calcium (as Ca ⁺²)	mg/L	APHA (23 rd Ed.2017) Method: 3500 Ca ⁺² B	8
9	Magnesium (as Mg ⁺²)	mg/L	APHA (23 rd Ed.2017) Method: 3500-Mg ⁺² B	< 5
10	Chloride (as Cl ⁻)	mg/L	APHA (23 rd Ed.2017) Method: 4500-Cl ⁻ B	12
11	Sulphate (as SO ₄ ⁻²)	mg/L	APHA (23 rd Ed.2017) Method: 4500-SO ₄ ⁻² E	<10
12	Fluoride (as F ⁻)	mg/L	APHA (23 rd Ed.2017) Method: 4500-F ⁻ C	0.12
13	Total Alkalinity (as CaCO ₃)	mg/L	APHA (23 rd Ed.2017) Method: 2320 B	48

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 :

Gaurav Amin
Quality Manager



Issued By:

Sunil Patel
Authorized Signatory

End of the Test Report

O.W.No. DLPTN / CTR / 145 / of 2025, Dt. 24/04/2025

Office of The Ex. En., P. H. Works Dn., Pareva Hills, NR. Prabha Motors, T B 3 Road, Jalbhavan, Patan

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	Taste	-	Agreeable	Agreeable
4	Turbidity	NTU	1	5
5	pH at 25 °C	-	6.5 to 8.5	No relaxation
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





જીલ્લા પ્રયોગશાળા
કાર્યપાલક ઇજનેરશ્રી ની કચેરી
જાહેર આરોગ્ય બાંધકામ વિભાગ, જલભવન,
પારેવા હીલ, પ્રભા મોટર સામે, ટી.બી. રોડ,
પાટણ- ૩૮૪૨૬૫, ફોન- ૦૨૭૬૬- ૨૨૧૫૦૬

E-mail : dlabb.patan@gmail.com

District Laboratory

O/O The Executive Engineer,
Public Health Works Division,
Ground floor, Jalbhavan, Pareva hill,
Opp. Prabha motor, T.B. road,
Patan- 384265, Ph: 02766- 221506



REPORT ON BACTERIOLOGICAL EXAMINATION OF WATER

Name & Address

The Principal
Kendriya Vidyalaya Patan
Patan

Sender's Ref. No. : 12029

Ref. Date : 23-Apr-25

Date of Collection : 23-Apr-25

Date of Receipt at Lab : 23-Apr-25

Sample collected by : Customer

Lab Ref. i.e. BW No.	45
Date of Commencing Examination	23-Apr-25
Source of Water Sample	Ground Water
Source Details	R.O Plant School Campus
Village	Chormarpura
Habitation	Chormarpura
Taluka	Saraswati
District	Patan
APHA-9222B, IS-15185:2016,ISO 9308-1:2014 Total Coliform Test.	Absent
APHA-9222D, IS-15185:2016, ISO 9308-1:2014 Therotolerant Fecal coliform (E.Coli)	Absent
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.

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

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

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

(Signature)

Outward No.: BAR / 145 / of 2025, Date: 24 / 04 / 2025

Lab. Incharge