



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 પ્રયોજનાના 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 *:-

Delhi Public School Anand

Nr.Gyan Bug,

Vadtal-Kanjari Road,

At.Vadtal

Tal.Nadiad

Dist.Kheda

Customer Reference No. *: DPSA/O/2025-26/072/Dt.19/11/2025

Sample Submitted by: Customer

Date of Sample Collection: 19.11.2025

Date of Sample Receipt: 19.11.2025

Analysis Starting Date: 20.11.2025

Analysis Completion Date: 20.11.2025

ULR No: TC119262500001743F

Test Report No:	1543/2025-26	Discipline :	Chemical	Group:	Water
Sample ID:	KCW-1543/11-2025	Date of Issue:	21.11.2025		
Customer ID *:	1	Mode of Sample:	Satisfactory		
Main Source *:	Ground Water	Source *:	Tube Well		
Location *:	Tap Water From R.O. Filter In The School Compound				
Village *:	Vadtal	Habitation *:	Vadtal		
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	0.79	
5	pH at 25 °C	-	APHA (24 th Edition), Method: 4500 H ⁺ B	7.61	
6	Conductivity at 25 °C	µS/cm	APHA (24 th Edition), Method: 2510 B	116	
7	Total Dissolved Solids	mg/L	APHA (24 th Edition), Method: 2540 C	72	
8	Total Hardness (as CaCO ₃)	mg/L	APHA (24 th Edition), Method: 2340 C	32	
9	Calcium (as Ca ⁺²)	mg/L	APHA (24 th Edition), Method: 3500 Ca ⁺² B	8	
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	8	
12	Sulphate (as SO ₄ ⁻²)	mg/L	APHA (24 th Edition), Method: 4500-SO ₄ ⁻² E	3.53	
13	Nitrate (as NO ₃ ⁻)	mg/L	APHA (24 th Edition), Method: 4500-NO ₃ ⁻ B	12.50	
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	40	

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 / 2054 / of 2025, Dt. 24 / 11 / 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°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



REPORT ON BACTERIOLOGICAL EXAMINATION OF WATER

Name & Address

Delhi Public School Anand
Nr.Gyan Bug,
Vadtal-Kanjari Road,
At.Vadtal,Tal.Nadiad Dist. Kheda

Sender's Ref. No. : DPSA/O/2025-26/072

Ref. Date : 19.11.2025

Date & Time of Commencing Examination : 19.11.2025

Sample collected by : Sender

KBW No.	1626
Date of Collection	19.11.2025
Date of Arrival at Lab.	19.11.2025
Source of Water Sample	In the School compound Swimming Pool
Village	Vadtal
Habitation	Vadtal
Taluka	Nadiad
District	Kheda
APHA, AWWA, 9221-D Presence - Absence Coliform Test, @ 37° C	A
APHA, AWWA, 9221-F Presence - Absence E-Coli Test, @ 37° C	----
MPN of coliform per 100 ml of sample at 37° C	< 2
MPN of Faecal coliform per 100 ml of sample at 44° C	< 2
Free Chlorine (PPM)	Nil
OPINION FOR POTABILITY :	FIT

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.

@ 0.2 ppm 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.

Outward/No:BAR/2055/of 2025, Date 24/ 11 /25

Analyst
District Laboratory
Nadiad