



TALUKA LABORATORY

College Road, Vanka Nala, Narsingpur, Ta.Santrampur, Di.Mahisagar,

Santrampur

Phone No. (02675) 220317, E-Mail : tlsantrampur4@gmail.com



REPORT ON BACTERIOLOGICAL EXAMINATION OF WATER

Name & Address

Principal
Eklavya Model Residencal School, Kadana
Kadana, Ta.Kadana, Di.Mahisagar

Sender's Ref. No. : EMRS/Kadana/2024-25/60

Ref. Date : 02-Aug-24

Date & Time of Commencing Examination : 02-Aug-24

Sample collected by : Sender

BW No.	TSNBW-145
Date of Collection	02-Aug-24
Date of Arrival at Lab.	02-Aug-24
Source of Water Sample	Treated Tubewell Nr Eklavya Model Residencal School, Kadana
Village	Diwada
Habitation	Diwada
Taluka	Kadana
District	Mahisagar
APHA, AWWA, 9221-D Presence - Absence Coliform Test, @ 37° C	Absent
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	-----
Free Chlorine (PPM)	0.10
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.

@ 0.2ppm 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.

Outward No.: BAR / 12 / of 2024, Date: 07 / 08 / 2024
LAB

Laboratory In charge



Jitendra
CHEMIST



TALUKA LABORATORY SANTRAMPUR
GUJARAT WATER SUPPLY AND SEWERAGE BOARD
Nr. Vanka Nala, Bypass Crossing, Santrod Road
At-Narsingpur, Ta-Santrampur, Dist-Mahisagar – 389260 (Gujarat)



Doc. No. TL/7.8/F-01

TEST REPORT

Name & Address of Customer:-

Principal
Eklavya Model Residencal School, Kadana
Kadana
Ta.Kadana
Dist.Mahisagar

Customer Reference No.: EMRS/Kadana/2024-25/60 Dt.02
ULR No: --
Sample Submitted by: Sender
Date of Sample Receipt: 02-08-24
Analysis Starting Date: 03-08-24
Analysis Completion Date: 03-08-24
Date of Issue: 05-08-24

Discipline:	Chemical Testing	Group:	Water
Sample Type:	Drinking Water	Mode of Sample:	Satisfactory
Test Report No:	145/2024-25	Sample ID:	TSNCW-145/24-25
Main Source:	Ground Water	Source:	Tube Well
Location:	Treated Tubewell Nr Eklavya Model Residencal School, Kadana		
Village:	Kadana	Habitation:	Kadana
Taluka:	Kadana	District:	Mahisagar
Latitude:	--	Longitude:	--

Kindly find herewith the Analytical Results.

Sr. No.	Parameter	Unit	IS-10500:2012 (2 nd Revision)		Reference Method :	Analytical Value
			Requirement (Acceptable Limit) Max.	Permissible Limit in the Absence of Alternate Source Max.		
1	Colour	Hazen	5	15	APHA 23 rd Ed. 2017 ; Method: 2120 B	1.00
2	Odour	-	Agreeable	Agreeable	IS : 3025 (Part - 5) : 2018 (2 nd Revision)	Agreeable
3	Taste	-	Agreeable	Agreeable	IS : 3025 (Part - 8) : 1984 (Reaffirmed 2017)	Agreeable
4	Turbidity	NTU	1	5	APHA 23 rd Ed. 2017 ; Method: 2130 B	1.69
5	pH at 25°C	-	6.5 to 8.5	No relaxation	APHA 23 rd Ed. 2017 ; Method: 4500 H ⁺ B	7.03
6	Total Dissolved Solids	mg/l	500	2000	APHA 23 rd Ed. 2017 ; Method: 2540 C	478
7	Total Hardness (as CaCO ₃)	mg/l	200	600	APHA 23 rd Ed. 2017 ; Method: 2340 C	336
8	Calcium (as Ca ⁺²)	mg/l	75	200	APHA 23 rd Ed. 2017 ; Method: 3500 Ca ⁺² B	69
9	Magnesium (as Mg ⁺²)	mg/l	30	100	APHA 23 rd Ed. 2017 ; Method: 3500 Mg ⁺² B	40
10	Chloride (as Cl ⁻)	mg/l	250	1000	APHA 23 rd Ed. 2017 ; Method: 4500 Cl ⁻ B	48
11	Sulphate (as SO ₄ ⁻²)	mg/l	200	400	APHA 23 rd Ed. 2017 ; Method: 4500 SO ₄ ⁻² E	24.00
12	Nitrate (as NO ₃ ⁻)	mg/l	45	No relaxation	APHA 23 rd Ed. 2017 ; Method: 4500 NO ₃ ⁻ B	12.50
13	Fluoride (as F ⁻)	mg/l	1	1.5	APHA 23 rd Ed. 2017 ; Method: 4500 F ⁻ C	0.25
14	Total Alkalinity (as CaCO ₃)	mg/l	200	600	APHA 23 rd Ed. 2017 ; Method: 2320 B	208

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. BDL = Below Detection Limit
5. ADL = Above Detection Limit

Checked By :



Issued By:

[Signature]
CHEMIST

O.W.No. TL Santrampur/ 11 /of 2024, Dt. 07/08/2024.

End of the Test Report