

પ્રયોગશાળા ઇન્ચાર્જ,
જિલ્લા પ્રયોગશાળા,
પ્રથમ માળ, જલભવન,
આર. ટી. ઓ. સામે, પાલાવાસણા,
મહેસાણા - ૩૮૪૦૦૩.
ફોન : (૦૨૭૬૨) ૨૨૫૩૬૫



E mail : dl.mahesana@gmail.com

Laboratory In Charge,
District Laboratory,
First Floor, Jalbhavan,
Opposite RTO, Palavasana,
MEHSANA - 384003.
Phone : (02762) 225365

Test Report

Name & Address of Customer:-
Managing Trustee/Principal
R.J.International Public School
Pvt
Mehsana.
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Customer Reference No.: 446, 15/May/2024
Sample Submitted by : Sender
Date of Sample Receipt : 16-May-2024
Analysis Starting Date : 17-May-2024
Analysis Completion Date : 17-May-2024
Dicipline : Chemical Testing, Group : Drinking Water

Test Report No.: 149 / 2024-2025.		Date of Issue : 18-May-2024		
Sample ID : MCW-149 / 05-2024		Mode of Sample: Satisfactory		
Main Source : Ground water		Source : R.O Water		
Location : R.O Water Plant 3rd Floor				
Village : Dediyanan		Habitation : Dediyanan		
Taluka : Mehsana		District : Mehsana		
Latitude : 23.605318		Longitude : 72.339524		
Kindly find herewith the Analytical Results.		Sample Type: Drinking Water		
Sr.No.	Parameter	Unit	Reference Method :	Analytical Value
1	Colour	Hazen	APHA (24 rd Ed.2017), Method: 2120 B	<5
2	Turbidity	NTU	APHA (24 rd Ed.2017), Method: 2130 B	< 0.5
3	pH at 25 ^o C	-	APHA (24 rd Ed.2017) Method: 4500 H ⁺ B	8.15
4	Conductivity at 25 ^o C	μS/cm	APHA (24 rd Ed.2017) Method: 2510 B	290
5	Total Dissolved Solids	mg/L	APHA (24 rd Ed.2017) Method: 2540 C	190
6	Total Hardness (as CaCO ₃)	mg/L	APHA (24 rd Ed.2017) Method: 2340 C	48
7	Calcium (as Ca ⁺²)	mg/L	APHA (24 rd Ed.2017) Method: 3500 Ca ⁺² B	10
8	Magnessium (as Mg ⁺²)	mg/L	APHA (24 rd Ed.2017) Method: 3500-Mg ⁺² B	5
9	Chloride (as Cl ⁻)	mg/L	APHA (24 rd Ed.2017) Method: 4500-Cl ⁻ B	52
10	Sulphate (as SO ₄ ⁻²)	mg/L	APHA (24 rd Ed.2017) Method: 4500-SO ₄ ⁻² E	8
11	Nitrate (as NO ₃ ⁻)	mg/L	APHA (24 rd Ed.2017) Method: 4500-NO ₃ ⁻ B	3.08
12	Fluoride (as F ⁻)	mg/L	APHA (24 rd Ed.2017) Method: 4500-F ⁻ C	0.15
13	Total Alkalinity (as CaCO ₃)	mg/L	APHA (24 rd Ed.2017) Method: 2320 B	24

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.

Checked By :


Kalpeshkumar R Nayi
Quality Manager
District Laboratory
GWSSB, Mehsana



Issued By:


Kalpeshkumar R Nayi
Quality Manager
District Laboratory
GWSSB, Mehsana

----- End of the Test Report -----

O.W.No. DLMehsana/CTR/ 224(2) of 2024, Dt. 18 / 05 / 2024

1st Floor, "Jalbhavan", Opp. RTO, Palavasana, Mehsana-384003
Phone No.:- (02762) 225365, 225186, Ext.: Laboratory, Fax No.:- (2762) 225375, E-mail: dl.mahesana@gmail.com

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	Turbidity	NTU	1	5
3	pH at 25 ⁰ C	-	6.5 to 8.5	No relaxation
4	Conductivity at 25 ⁰ C	μS/cm	-	-
5	Total Dissolved Solids	mg/L	500	2000
6	Total Hardness (as CaCO ₃)	mg/L	200	600
7	Calcium (as Ca)	mg/L	75	200
8	Magnesium (as Mg)	mg/L	30	100
9	Chloride (as Cl)	mg/L	250	1000
10	Sulphate (as SO ₄)	mg/L	200	400
11	Nitrate (as NO ₃)	mg/L	45	No relaxation
12	Fluoride (as F)	mg/L	1	1.5
13	Total Alkalinity (as CaCO ₃)	mg/L	200	600

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Customer Reference No.: 446, 15/May/2024
Sample Submitted by : Sender
Date of Sample Receipt : 16-May-2024
Analysis Starting Date : 17-May-2024
Analysis Completion Date : 17-May-2024
Dicipline : Chemical Testing, Group : Drinking Water

Test Report No.: 148 / 2024-2025.		Date of Issue : 18-May-2024		
Sample ID : MCW-148 / 05-2024		Mode of Sample: Satisfactory		
Main Source : Ground water		Source : R.O Water		
Location : Tubewell,Near Campus Canteen				
Village : Dediyanan		Habitation : Dediyanan		
Taluka : Mehsana		District : Mehsana		
Latitude : 23.605318		Longitude : 72.339524		
Kindly find herewith the Analytical Results.		Sample Type: Drinking Water		
Sr.No.	Parameter	Unit	Reference Method :	Analytical Value
1	Colour	Hazen	APHA (24 rd Ed.2017), Method: 2120 B	<5
2	Turbidity	NTU	APHA (24 rd Ed.2017), Method: 2130 B	1.02
3	pH at 25 ^o C	-	APHA (24 rd Ed.2017) Method: 4500 H ⁺ B	8.37
4	Conductivity at 25 ^o C	μS/cm	APHA (24 rd Ed.2017) Method: 2510 B	3520
5	Total Dissolved Solids	mg/L	APHA (24 rd Ed.2017) Method: 2540 C	2250
6	Total Hardness (as CaCO ₃)	mg/L	APHA (24 rd Ed.2017) Method: 2340 C	464
7	Calcium (as Ca ⁺²)	mg/L	APHA (24 rd Ed.2017) Method: 3500 Ca ⁺² B	95
8	Magnesium (as Mg ⁺²)	mg/L	APHA (24 rd Ed.2017) Method: 3500-Mg ⁺² B	55
9	Chloride (as Cl ⁻)	mg/L	APHA (24 rd Ed.2017) Method: 4500-Cl ⁻ B	768
10	Sulphate (as SO ₄ ⁻²)	mg/L	APHA (24 rd Ed.2017) Method: 4500-SO ₄ ⁻² E	189
11	Nitrate (as NO ₃ ⁻)	mg/L	APHA (24 rd Ed.2017) Method: 4500-NO ₃ ⁻ B	29.07
12	Fluoride (as F ⁻)	mg/L	APHA (24 rd Ed.2017) Method: 4500-F ⁻ C	1.46
13	Total Alkalinity (as CaCO ₃)	mg/L	APHA (24 rd Ed.2017) Method: 2320 B	234

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GWSSB, Mehsana



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----- End of the Test Report -----

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			Max.	Max.
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2	Turbidity	NTU	1	5
3	pH at 25 ^o C	-	6.5 to 8.5	No relaxation
4	Conductivity at 25 ^o C	μS/cm	-	-
5	Total Dissolved Solids	mg/L	500	2000
6	Total Hardness (as CaCO ₃)	mg/L	200	600
7	Calcium (as Ca)	mg/L	75	200
8	Magnesium (as Mg)	mg/L	30	100
9	Chloride (as Cl)	mg/L	250	1000
10	Sulphate (as SO ₄)	mg/L	200	400
11	Nitrate (as NO ₃)	mg/L	45	No relaxation
12	Fluoride (as F)	mg/L	1	1.5
13	Total Alkalinity (as CaCO ₃)	mg/L	200	600