

GOVERNMENT OF GUJRAT
DISTRICT LEVEL WATER QUALITY TESTING LABORATORY
DRINKING WATER SUPPLY & S DIVISION MEHESANA
PHYSICAL & CHEMICAL WATER QUALITY TEST REPORT

Test Report

Name & Address of Customer
The Principal,
SMART KIDS,
Survey NO. 357/P,
Becharaji Road,
Palavasana,
Dist- Mehesana

Customer Reference No.: 110, 10-April -2024
Sample Submitted by : Sender
Date of Sample Receipt : 29- April -2024
Analysis Starting Date : 30- April -2024
Analysis Completion Date : - 30- April -2024
ULR No.:TC535222000001129F
Dicipline : Chemical Testing, Group: Water

Test Report No.: 250/2024.

Date of Issue : 30-April-2024

Sample ID: MCW-250/04-2024

Mode of Sample: Satisfactory

Main Source : Surface water

Source : Treated Water

Location: Tap Water of Smart Kids Campus

Village : Mehesana

Habitation : Mehesana

Taluka : Mehesana

District: Mehesana

Latitude: ---

Longitude: ---

Kindly find herewith the Analytical Results.

Sample Type: Drinking Water

Sr.No.	Parameter	Unit	Reference Method:	Analytical Value
1	Colour	Hazen	APHA (23d Ed. 2017), Method: 2120 C	< 1
2	Turbidity	NTU		
3	pH at 25'c	uS/cm	APHA (23° Ed 2017) Method: 4500H *B	8.10
4	Conductivity at 25°c	mg/l	APHA (23° Ed 2017) Method: 2510 B	323
5	Total Dissolved Solids	mg/l	APHA (23° Ed.2017) Method: 2540 C	196
6	Total Hardness (as CaCO3)	mg/l	APHA (23° Ed.2017) Method: 2340 C	148
7	Calcium (as Ca ⁺²)	mg/l	APHA (23° Ed.2017) Method: 3500 Ca ⁺² B	27
8	Magnesium (as Mg ⁺²)	mg/l	APHA (23° Ed.2017) Method: 3500-Mg ⁺² B	19
9	Chloride (as Cl ⁻)	mg/l	APHA (23d Ed.2017) Method: 4500-Cl ⁻ B	16
10	Sulphate (as SO ₄ ⁻²)	mg/l	APHA (23° Ed2017) Method: 4500-SO ₄ ⁻² E	8
11	Nitrate (as NO ₃ ⁻)	mg/l	APHA (23° Ed.2017) Method: 4500-NO ₃ ⁻ B	4.50
12	Fluoride (as F ⁻)	mg/l	APHA (23° Ed.2017) Method: 4500-F ⁻ C	0.29
13	Total Alkalinity (as CaCO ₃)	mg/l	APHA (23° Ed.2017) Method: 2320 B	130

This Report is issued under the folowing terms & Condition

1. This report is referring only to the tested sample and for applicable parameter. | Sample Type: Drinking Water Reference Method
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

Authorised By
Executive Engineer
DWS&S Division, Mehesana

(Signature) 30/04/24
Executive Engineer
DWS&S Division, Mehesana

-----End Of The Test Report-----