Annexure C

Note: The certificate is to be issued by authorized officer / PHED Lab / local bodies

65 | Page



Name & Address of Customer

District Laboratory , 2nd floor. Jalbhavan, **GWSSB BOARD** Opp. LIC office, Chakaliya road, Dahod- 389151



हाहीट,जुङ्गरात,शाश्त-३८७१५१



Phone: (02673 - 246235

dahodlab@gmall.com

શેન નેબર - ૦ર૬૭૩-ર૪૬ર૩૫

જીલ્લા પૃયોગશાળા,

જલભવન, બીજો માળ,

ગુ.પા.પુ.અને.ગ.વ્ય. બોર્ડ એલ.આઈ.સી એક્સિસામે,

યાકલીયા શેડ,

Test Report

Mil, Date: 11/07/2024 Customer Reference No :-Customer Sample Submitted By:-11.07.2024 Date of Sample Receipt:

Principal			Date of Sample Receipt :	10.07.2024	
EMRs, Lukhadiya , At Lukhadiya,			Analysis Starting Date:	12.07.2024 12.07.2024	
Post -Nalu , Taluka - Dhanpur			T0046334000008248F		00000248F
District-Dahod			ULR No: Discipline:Chemical testing	Group:Water	
Gujarat				15.07.2024	
Test Report No	146/2024-25		Date of Issue:	Satisfactory	
Sample ID:	DCW-146/07-24		Condition of Sample:	Bore	
Main Source: Ground Water			Source:		
Location :	In the Compound		Lukhadiya		
Village :	Lukhadiya		Habitation : District :	Dahod	
Taluka :	Dhanpur				
Latitude:			Longitude : Sample Type: Drinking Water		
Kindly find herewith the Analytical Results.		Reference Method :		Analytical Value	
Sr.No.	Parameter	Unit	APHA (23rd Ed.2017), Method: 213	30 B	<5
1	Colour	Hazen	IS 3025 (Part 5)-2018 (Second revision)		Agreeable
2	Odour	Qualitative			
3	Taste	Qualitative	IS 3025 (Part 8)-1984 (Reaffirmed 2023)		Agreeable
4	Turbidity	NTU	APHA (23 rd Ed.2017), Method: 2130 B		<1
5	pH at 25°C	-	APHA (23 rd Ed.2017) Method: 4500 H* B		7.11
6	Conductivity at 25°C	μS/cm	APHA (23 rd Ed.2017) Method: 2510 B		1012
7	Total Dissolved Solids	Mg/L	APHA (23 rd Ed.2017) Method: 2540 C		584
8	Total Hardness (as CaCO ₃)	Mg/L	APHA (23 rd Ed.2017) Method: 2340 C		452
9	Calcium (as Ca ⁺²)	Mg/L	APHA (23 rd Ed.2017) Method: 3500 Ca ⁺² B		117
10	Magnessium (as Mg ⁺²)	Mg/L	APHA (23 rd Ed.2017) Method: 3500-Mg ⁺² B		40
11	Chloride (as Cl ⁻)	Mg/L	APHA (23 rd Ed.2017) Method: 4500-Cl ⁻ B		64
12	Sulphate (as SO ₄ ⁻²)	Mg/L	APHA (23 rd Ed.2017) Method: 4500-SO ₄ ⁻² E		6.88
13	Nitrate (as NO ₃)	Mg/L	APHA (23 rd Ed.2017) Method: 4500-NO ₃ ⁻ B		17.35
14	Fluoride (as F ⁻)	Mg/L	APHA (23 rd Ed.2017) Method: 4500-F ⁻ C 0.56		0.56
15	Total Alkalinity (as CaCO ₃)	Mg/L	APHA (23 rd Ed.2017) Method: 2320 B 320		
15	7000	2 2 1111			

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 disposed 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.

Issued By:

Authorized Signatory

Rakesh T. Verma Quality Manager

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	Qualitative	Agreeable	Agreeable	
3	Taste	Qualitative	Agreeable	Agreeable	
3 4	Turbidity	NTU	1	5	
5	pH at 25 ^o C	-	6.5 to 8.5	No relaxation	
6	Conductivity at 25°C	μS/cm	-	-	
	Total Dissolved Solids	Mg/L	500	2000	
	Total Hardness (as	Mg/L	200	600	
8	Total Transfer	Mg/L	75	200	
9	Calcium (as Ca)	Mg/L	30	100	
10	Magnesium (as Mg)	Mg/L	250	1000	
11	Chloride (as Cl)	Wig/L		400	
12	Sulphate (as SO ₄)	Mg/L	200		
	Nitrate (as NO ₃)	Mg/L	45	No relaxation	
13	Fluoride (as F)	Mg/L	1	1.5	
14 15	Total Alkalinity (as CaCO ₃)	Mg/L	200	600	