



District Laboratory ,
G.W.S. & S. Board,
1st Floor, Plot No-225, 'AIP' House,
Opp. Charotar Nagrik Bank,
Netaji Subhash Road,
Anand-388001
Phone: (02692 - 266504)



e-mail: distlabanand@gmail.com

જીલ્લા પ્રયોગશાળા,
ગુ. પા. પુ. અને ગ.વ્ય બોર્ડ,
પહેલો માળ, પ્લોટ નં-૨૨૫ 'એ.આઈ.પી' હાઉસ
ચરોતર નાગરીક બેંક સામે
નેતાજી સુભાષ રોડ,
આણંદ-૩૮૮૦૦૧
ફોન નંબર - ૦૨૬૯૨-૨૬૬૫૦૪



Test Report

Name & Address of Customer:-

Jay Jalaram International School
Nr.ESSAR Petrol Pump
Anand-Lambhvel Road
At.Lambhvel
Ta.Anand

Customer Reference No.: 99/2023-24 dt.06.05.23

Sample Submitted by: Customer
Date of Sample Receipt: 06.05.23
Analysis Starting Date: 08.05.23
Analysis completion Date: 08.05.23
ULR No: TC100162300001228F

Test Report No:	326/2023-24	Discipline :	Chemical testing	Group:Water
Sample ID:	ACW-326/05/23	Date of Issue:	09.05.23	
Main Source:	Ground Water	Mode of Sample:	Satisfactory	
Location:	Nr.ESSAR Petrol Pump	Source:	Tube Well	
Village:	Lambhvel	Habitation:	Lambhvel	
Taluka:	Anand	District:	Anand	
Latitude:	--	Longitude:	--	

Kindly find herewith the Analytical Results.

Sample Type: Drinking Water

Sr.No.	Parameter	Unit	Reference Method :	Analytical Value
1	Colour	Hazen	APHA (23 rd Ed.2017), Method: 2120 B	1
2	Odour	-	IS:3025 Part 5,2nd Revision:2018	Agreeable
3	Taste	-	IS:3025 Part 8 Reaffirmed,2017:1984	Agreeable
4	Turbidity	NTU	APHA (23 rd Ed.2017), Method: 2130 B	0.64
5	pH at 25 ^o C	-	APHA (23 rd Ed.2017) Method: 4500 H ⁺ B	8.45
6	Total Dissolved Solids	mg/L	APHA (23 rd Ed.2017) Method: 2540 C	660
7	Total Hardness (as CaCO ₃)	mg/L	APHA (23 rd Ed.2017) Method: 2340 C	240
8	Calcium (as Ca ⁺²)	mg/L	APHA (23 rd Ed.2017) Method: 3500 Ca ⁺² B	26
9	Magnesium (as Mg ⁺²)	mg/L	APHA (23 rd Ed.2017) Method: 3500-Mg ⁺² B	43
10	Chloride (as Cl ⁻)	mg/L	APHA (23 rd Ed.2017) Method: 4500-Cl ⁻ B	72
11	Sulphate (as SO ₄ ⁻²)	mg/L	APHA (23 rd Ed.2017) Method: 4500-SO ₄ ⁻² E	44.66
12	Nitrate (as NO ₃ ⁻)	mg/L	APHA (23 rd Ed.2017) Method: 4500-NO ₃ ⁻ B	22.29
13	Fluoride (as F ⁻)	mg/L	APHA (23 rd Ed.2017) Method: 4500-F ⁻ C	1.39
14	Total Alkalinity (as CaCO ₃)	mg/L	APHA (23 rd Ed.2017) Method: 2320 B	436

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. Abbreviations : B.D.L.=Below Detection Limit, U.D.L. =Upper Detection Limit

Checked By :

Akhtar
09/05/23

(M.A. VORA)

Dy. Technical Manager

Dy. Tech Manager/Chemist

Issued By:

S. A. M. M. M.
09/05/23
(S.A. M. M. M.)
Quality Manager

Name & Designation of
Authorized Signatory

O.W.No. DL Anand / 355 /of 2023, Dt. 09/05/2023.

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	Odour	-	Agreeable	Agreeable	Qualitative
2	Taste	-	Agreeable	Agreeable	Qualitative
3	Colour	Hazen	5	15	1 Hazen unit to 100 Hazen unit
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	Total Dissolved Solids	mg/L	500	2000	5 mg/l to 10000 mg/L
7	Total Hardness (as CaCO ₃)	mg/L	200	600	5 mg/l to 5000 mg/L
8	Calcium (as Ca)	mg/L	75	200	5 mg/l to 2000 mg/L
9	Magnesium (as Mg)	mg/L	30	100	5 mg/l to 1000 mg/L
10	Chloride (as Cl)	mg/L	250	1000	5 mg/l to 5000 mg/L
11	Sulphate (as SO ₄)	mg/L	200	400	1 mg/l to 1000 mg/L
12	Nitrate (as NO ₃)	mg/L	45	No relaxation	1.0 mg/l to 100 mg/L
13	Fluoride (as F)	mg/L	1	1.5	0.1 mg/l to 50 mg/L
14	Total Alkalinity (as CaCO ₃)	mg/L	200	600	5 mg/l to 2000 mg/L