



Taluka Laboratory Anjar,  
Gujarat Water Supply &  
Sewerage Bord  
Jalbhaven, Daksh Prajapati  
Society  
Anjar - Kutch. 371110

તાલુકા પ્રયોગશાળા અજાર,  
ગુ. પા. પુ. અને ગ. વ્ય. બોર્ડ,  
જલભવન,  
દક્ષ પ્રજાપતિ સોસાયટી.  
અજાર - કચ્છ  
પીન- ૩૭૦૧૧૦

NABL-DWT-00171

E-mail : tl.gandhidham@gmail.com

### Test Report

Name & Address of Customer :-  
S Poddar Vidyajyoti  
The Principal,  
Gandhidham

Customer Reference No. :	SPV-OUT-04-2024-25
Sample Submitted by :	sender
Date of Sample Receipt :	23-05-2024
Analysis Starting Date :	24-05-2024
Analysis completion Date :	27-05-2024

Discipline : Chemical Testing, Group: Water

Test Report No :	106/2024-'25	Date of Issue :	27-05-2024
Sample ID :	ACW-106/05-'24	Mode of Sample :	Satisfactory
Main Source :	Ground water	Source :	Bore Well
Location :	RO Water		
Village :	Kidana	Habitation :	...
Taluka :	Gandhidham	District :	Kachchh, Pin Code : 370205
Latitude :	23.034034	Longitude :	70.106961
Kindly find herewith the Analytical Results.	Sample Type :	Drinking Water	

Sr. No.	Parameter	Unit	Reference Method :	Analytical Value
1	Colour	Hazen	APHA (23 <sup>rd</sup> Ed.2017), Method: 2120 C	<1
2	Odour	-	IS 3025 (Part 5) - 2018 (Second Revision)	Agreeable
3	Turbidity	NTU	APHA (23 <sup>rd</sup> Ed.2017), Method: 2130 B	0.16
4	pH at 25°C	-	APHA (23 <sup>rd</sup> Ed.2017) Method: 4500 H <sup>+</sup> B	8.02
5	Total Dissolved Solids	mg/l	APHA (23 <sup>rd</sup> Ed.2017) Method: 2540 C	140
6	Total Alkalinity (as CaCO <sub>3</sub> )	mg/l	APHA (23 <sup>rd</sup> Ed.2017) Method: 2320 B	32
7	Chloride (as Cl <sup>-</sup> )	mg/l	APHA (23 <sup>rd</sup> Ed.2017) Method: 4500-Cl <sup>-</sup> B	52
8	Fluoride (as F <sup>-</sup> )	mg/l	APHA (23 <sup>rd</sup> Ed.2017) Method: 4500-F <sup>-</sup> C	0.10
9	Nitrate (as NO <sub>3</sub> <sup>-</sup> )	mg/l	APHA (23 <sup>rd</sup> Ed.2017) Method: 4500-NO <sub>3</sub> <sup>-</sup> B	0.00
10	Sulphate (as SO <sub>4</sub> <sup>-2</sup> )	mg/l	APHA (23 <sup>rd</sup> Ed.2017) Method: 4500-SO <sub>4</sub> <sup>-2</sup> E	4
11	Calcium (as Ca <sup>+2</sup> )	mg/l	APHA (23 <sup>rd</sup> Ed.2017) Method: 3500 Ca <sup>+2</sup> B	6
12	Magnesium (as Mg <sup>+2</sup> )	mg/l	APHA (23 <sup>rd</sup> Ed.2017) Method: 3500-Mg <sup>+2</sup> B	2
13	Total Hardness(as CaCO <sub>3</sub> )	mg/l	APHA (23 <sup>rd</sup> Ed.2017) Method: 2340 C	24
14	Conductivity	µs/cm	APHA (23 <sup>rd</sup> Ed.2017) Method: 2510 B	218

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



Checked & Issued By :

CHEMIST

Designation of Authorized Signatory

----- End of the Test Report -----  
"Outward No.: TLANjar/211 Date :-27-05-2024



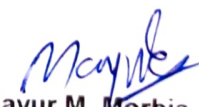
### TEST REPORT

Report Issued to	<b>S. PODDAR VIDYA JYOTI KIDANA</b>	Lab ID	015/24-25
Sample collected by	self by client	Report Date	23 April. 2024.
Sample submitted by	self by client	Sample collection Date	23 April. 2024.
Sample Described as	<b>RO Water</b>	Sample Receipt Date	23 April. 2024.
Marking	<b>Drinking Water</b>	Analysis start Date	23 April. 2024.
Mode of packing	Packed in plastic bottle	Analysis complete Date	23 April. 2024.
Sample condition	Satisfactory	Batch No.	NM
		Mfg. Date	NM
		Exp. Date	NM
		Sample quantity	1000 ml

Sr No.	Characteristics examined	Unit	BIS Standard	Permissible Limit	Method of Test	Result
			IS 10500 : 2012	in the absence of		
			Requirement	Alternate source		
			(Acceptable limit)			
1	Colour	Hazen Unit	Max 5	Max 15	IS:3025(P-4):1983	< 1
2	Odour	--	Agreeable	--	IS:3025(P-5):1983	Agreeable
3	Turbidity	NTU	1	5	IS:3025(P-10):1984	< 0.1
4	pH	--	6.5 to 8.5	6.5 to 8.5	IS:3025(P-11):1983	7.28
5	Total Dissolved Solids TDS	mg/l	Max 500	Max 2000	IS:3025(P-16):2002	46
6	Total Hardness (as CaCO <sub>3</sub> )	mg/l	Max 200	Max 600	IS:3025(P-21):1983	5
7	Calcium Hardness	mg/l	Max 125	Max 350	IS:3025(P-40):1991	< 1
8	Magnesium Hardness	mg/l	Max 75	Max 250	IS:3025(P-46):1994	< 1
9	Chloride (as Cl)	mg/l	Max 250	Max 1000	IS:3025(P-32):1988	15
10	Alkalinity ( as HCo <sub>3</sub> )	mg/l	Max 200	Max 600	IS:3025(P-23):1986	20

Remark : Analytical Parameters are satisfactory as per IS 10500:2012 required limit.

End of Report

  
**Mayur M. Morbia**  
M.Sc Microbiology  
PG MLT (TRC)