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પ્રયોગશાળા ઇન ચાર્જ,  
જીલ્લા પ્રયોગશાળા,  
ગુજરાત પા.પુ.અને ગ.વ્ય.બોર્ડ,  
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જુનાગઢ- ૩૬૨૦૦૧  
ફોન : (૦૨૮૫) ૨૬૫૨૨૯૮  
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### Test Report

Name & Address of Customer:-  
PRINCIPAL SHRI

CLR No.  
Customer Reference No.:

TC9425230000001121F  
NIL/DT -28/07/2023

KENDRIYA VIDHYALAYA  
BILKHA ROAD  
JUNAGADH  
DIST - JUNAGADH

Sample Submitted by :  
Date of Sample Receipt :  
Analysis Starting Date :  
Analysis Completion Date :  
Discipline : Chemical Testing

Sender  
28-Jul-23  
28-Jul-23  
29-Jul-23  
Group : Water

Test Report No.:	603/2023-24	Date of Issue :	31-07-2023	
Sample ID :	JUCW - 603/08/2023	Mode of Sample:	--	
Main Source :	GROUND WATER	Source :	TUBE WELL (250FT DEEP)	
Location :	INSIDE SCHOOL			
Village :	JUNAGADH	Habitation :	--	
Taluka :	JUNAGADH	District :	JUNAGADH	
Latitude :	21.51447	Longitude :	70.45644	
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	2.08
2	Odour	-	IS 3025 - 2018 (Second Revision) (Part-5)	Agreeable
3	Taste	-	IS 3025, 1984 (Reaffirmed 2012) (Part-8)	Agreeable
4	Turbidity	NTU	APHA (23 <sup>rd</sup> Ed 2017). Method: 2130 B	0.46
5	pH at 25 <sup>o</sup> C	-	APHA (23 <sup>rd</sup> Ed.2017) Method: 4500 H B	7.84
6	Conductivity at 25 <sup>o</sup> C	μS/cm	APHA (23 <sup>rd</sup> Ed 2017) Method: 2510 B	1444
7	Total Dissolved Solids	mg/l	APHA (23 <sup>rd</sup> Ed.2017) Method: 2540 C	924
8	Total Hardness (as CaCO <sub>3</sub> )	mg/l	APHA (23 <sup>rd</sup> Ed 2017) Method: 2340 C	380
9	Calcium (as Ca <sup>2+</sup> )	mg/l	APHA (23 <sup>rd</sup> Ed 2017) Method: 3500 Ca <sup>2+</sup> B	75
10	Magnesium (as Mg <sup>2+</sup> )	mg/l	APHA (23 <sup>rd</sup> Ed 2017) Method: 3500-Mg <sup>2+</sup> B	47
11	Chloride (as Cl <sup>-</sup> )	mg/l	APHA (23 <sup>rd</sup> Ed 2017) Method: 4500-Cl <sup>-</sup> B	280
12	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> F	61
13	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	27.56
14	Fluoride (as F <sup>-</sup> )	mg/l	APHA (23 <sup>rd</sup> Ed 2017) Method: 4500-F <sup>-</sup> C	0.18
15	Total Alkalinity (as CaCO <sub>3</sub> )	mg/l	APHA (23 <sup>rd</sup> Ed 2017) Method: 2320 B	180

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 (2<sup>nd</sup> Revision) limits.
5. Name & Address Of Customer & details of Sample are Provided by the Customer.

Prepared & Checked By :

(Chintan Bhatt)

Technical Manager / Dy. Q.Mg.

Issued By:

(Ravi Pansuriya)  
Quality Manager  
Authorised Signatory

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



**IS-10500:2012 (2<sup>nd</sup> 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	-	Agreeable	Agreeable
3	Taste	-	Agreeable	Agreeable
4	Turbidity	NTU	1	5
5	pH at 25 <sup>0</sup> C	-	6.5 to 8.5	No relaxation
6	Conductivity at 25 <sup>0</sup> C	μS/cm	-	
7	Total Dissolved Solids	mg/l	500	2000
8	Total Hardness (as CaCO <sub>3</sub> )	mg/l	200	600
9	Calcium (as Ca)	mg/l	75	200
10	Magnesium (as Mg)	mg/l	30	100
11	Chloride (as Cl)	mg/l	250	
12	Sulphate (as SO <sub>4</sub> )	mg/l	200	400
13	Nitrate (as NO <sub>3</sub> )	mg/l	45	No relaxation
14	Fluoride (as F)	mg/l	1	1.5
15	Total Alkalinity (as CaCO <sub>3</sub> )	mg/l	200	600