GUJARAT WATER SUPPLY &SEWERAGE BOARD
DISTRICT LABORATRORY HIMATNAGAR
Ground Floor, Jal Bhavan, G.W.S.S.B. Near Circuit House, bypass road, Motipura, Himatnagar, Dist. Sabarkantha.
TC-13413

Test Report

*Name & Address of Customer:-

The Principal

Kendriya Vidhyalaya, Near Brahmaninagar,Himatnagar

Himatnagar
Sabarkantha
383001

*Customer Reference No.:228

*Sample Submitted by :Customer

*Date of Sample Receipt :27-Jul-2026
Analysis Starting Date :28-Jul-2026
Analysis Completion Date :28-Jul-2026
ULR NO. :-
Dicipline:Chemical Testing,Group:Drinking Water

Test Report No.: 2641 /2026-27	Date of Issue : 28-Jul-2026
Sample ID : 2641	*Customer ID :Jul-.665
*Main Source :Ground Water	*Source :R.O. PLANT
*Location :R.O. PLANT, In School	
*Village :Himatnagar	*Habitation :Himatnagar
*Taluka :Himatnagar	*District :Sabarkantha
*Latitude :	*Longitude :
Kindly find herewith the Analytical Results.	Sample Type : Drinking Water

Sr.No.	Parameter	Unit	Reference Method :	Analytical Value
1	Colour	Hazen	APHA (24th Ed.2023), Method: 2120 C	0
2	Odour	-	IS : 3025 (Part 5) - 2018	Agreeable
3	Taste	-	IS : 3025 (Part 8) - 1984	Agreeable
4	Turbidity	NTU	APHA (24th Ed.2023), Method: 2130 B	1.50
5	pH at 25°C	-	APHA (24th Ed.2023) Method: 4500 H^+ B	6.88
6	Conductivity at 25°C	µS/cm	APHA (24th Ed.2023) Method: 2510 B	176
7	Total Dissolved Solids(180°C)	mg/L	APHA (24th Ed.2023) Method: 2540 C	130
8	Total Hardness(as $CaCO_3$)	mg/L	APHA (24th Ed.2023) Method: 2340 C	72
9	Calcium (as Ca^{+2})	mg/L	APHA (24th Ed.2023) Method: 3500 Ca^{+2} B	16
10	Magnessium (as Mg^{+2})	mg/L	APHA (24th Ed.2023) Method: 3500-Mg^{+2} B	8
11	Chloride (as Cl^-)	mg/L	APHA (24th Ed.2023) Method: 4500-Cl^- B	44
12	Sulphate (as SO_4^{-2})	mg/L	APHA (24th Ed.2023) Method: 4500-SO_4^{-2} E	8
13	Nitrate (as NO_3^-)	mg/L	APHA (24th Ed.2023) Method: 4500-NO_3^- B	14.87
14	Fluoride (as F^-)	mg/L	APHA (24th Ed.2023) Method: 4500-F^- C	0.25
15	Total Alkalinity(as $CaCO_3$)	mg/L	APHA (24th Ed.2023) Method: 2320 B	64

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 (2nd Revision) limits.
5. Details marked by * is provied by customer

Reviewed by :

Adil Mansuri
(Techincal Manager)

District Laboratory, Himatnagar G.W.S.S.B.

Issued By:

Tejal Malvi
(Quality Manager)
Authorized Signatory

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

O.W.No. DL/HMT/2641/of 2026, Dt. 13 / 07 / 2026.

IS-10500:2012 (2nd Revision)			
Sr. No.	Parameter	Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
1	Colour, Hazen units, Max	5	15
2	Turbidity,NTU,Max	1	5
3	pH value	6.5 to 8.5	No relaxation
4	Conductivity at 25^0C	-	-
5	Total Dissolved Solids, mg/l, Max	500	2000
6	Total Hardness (as $CaCO_3$),mg/l, Max	200	600
7	Calcium (as Ca),mg/l, Max	75	200
8	Magnessium (as Mg),mg/l, Max	30	100
9	Chloride (as Cl),mg/l, Max	250	1000
10	Sulphate (as SO_4),mg/l, Max	200	400
11	Nitrate (as NO_3),mg/l, Max	45	No relaxation
12	Fluoride (as F),mg/l, Max	1	1.5
13	Total Alkalinity (as $CaCO_3$),mg/l, Max	200	600