DISTRICT LABORATORY

Gujarat water Supply & Sewerage Board,
Quarter No. F/7 & F/8, Jalseva Nagar,
Opposite G. K. General Hospital, Bhuj – 370001,
Kachchh - Gujarat.
Phone : 02832-220914, Email : dl.bhuj@gmail.com

GUJARAT JALSEVA TRAINING INSTITUTE
GWSSB LABORATORIES

Test Report

Name & Address of Customer:-
The Principal
PM Shri Kendriya Vidyalaya No.2
Army Cantt. Bhuj
Bhuj
Kutch Gujarat

Customer Reference No.: 12084, 07/Nov/2025
Sample Submitted by : Sender
Date of Sample Receipt : 10-Nov-2025
Analysis Starting Date : 11-Nov-2025
Analysis Completion Date : 12-Nov-2025
Dicipline : Chemical Testing, Group : Water

Test Report No.: 977 / 2025-2026.	**Date of Issue : 12-Nov-2025**
Sample ID : BCW-Nov-70 / 11-2025	**Mode of Sample: Satisfactory**
Main Source : Surface Water	**Source : Narmada Water**
Location : Narmada water, MES Line	
Village : Bhuj	**Habitation : ....**
Taluka : Bhuj	**District : Kutch**
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 B	5.00
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	< 0.5
5	pH at 25^{0}C	-	APHA (24th Ed.2023) Method: 4500 H^+ B	8.32
6	Conductivity at 25^{0}C	µS/cm	APHA (24th Ed.2023) Method: 2510 B	231
7	Total Dissolved Solids	mg/l	APHA (24th Ed.2023) Method: 2540 C	144
8	Total Hardness (as $CaCO_3$)	mg/l	APHA (24th Ed.2023) Method: 2340 C	40
9	Calcium (as Ca^{+2})	mg/l	APHA (24th Ed.2023) Method: 3500-Ca^{+2} B	8
10	Magnesium (as Mg^{+2})	mg/l	APHA (24th Ed.2023) Method: 3500-Mg^{+2} B	5
11	Chloride (as Cl^-)	mg/l	APHA (24th Ed.2023) Method: 4500-Cl^- B	48
12	Sulphate (as SO_4^{-2})	mg/l	APHA (24th Ed.2023) Method: 4500-So_4^{-2} E	6
13	Nitrate (as NO_3^-)	mg/l	APHA (24th Ed.2023) Method: 4500-No_3^- B	8.27
14	Fluoride (as F^-)	mg/l	APHA (24th Ed.2023) Method: 4500-F^- C	0.64
15	Total Alkalinity (as $CaCO_3$)	mg/l	APHA (24th Ed.2023) Method: 2320 B	32

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.

Reviewed By :

(J.N. Makwana)
Dy.TMg. / TMg.

Issued By:

(V. J. Chudasama)
Dy. QMg. / QMg.
Authorized Signatory

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

Outward Number DLBhuj/ CTR / 1489 **Date of Outward : 12-Nov-2025**

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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	-	Agreeable	Agreeable
3	Taste	-	Agreeable	Agreeable
4	Turbidity	NTU	1	5
5	pH at 25^0C	-	6.5 to 8.5	No relaxation
6	Conductivity at 25^0C	µS/cm	-	-
7	Total Dissolved Solids	mg/l	500	2000
8	Total Hardness (as $CaCO_3$)	mg/l	200	600
9	Calcium (as Ca)	mg/l	75	200
10	Magnessium (as Mg)	mg/l	30	100
11	Chloride (as Cl)	mg/l	250	1000
12	Sulphate (as SO_4)	mg/l	200	400
13	Nitrate (as NO_3)	mg/l	45	No relaxation
14	Fluoride (as F)	mg/l	1	1.5
15	Total Alkalinity (as $CaCO_3$)	mg/l	200	600

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