DISTRICT
LABORATORY
G. W. S. & S. Board
"JAL BHAVAN"
Opp. Hotel Lal Palace
Porbandar
Ph- (0286)2251521

જીલ્લા પ્રયોગશાળા
ગુ. પા. પુ. અને ગ.વ્ય.બોર્ડ,
જલભવન,
લાલ પેલેસ હોટેલ સામે,
પોરબંદર

Email Id : porbandarlab@gmail.com

Test Report

ne & Address of Customer:-
SHRI KENDRIYA VIDYALAYA
a Road, Nr.Coast Guard DHQ-1
bandar
Porbandar
st- Porbandar

ULR No. -----
Customer Reference No.: F.no 12029/KVPBR/2025-26/240 Dt.29-01-2026
Sample Submitted by : Sender
Date of Sample Receipt : 29-01-2026
Analysis Starting Date : 30-01-2026
Analysis Completion Date : 31-01-2026
Discipline : Chemical Testing Group : Water

st Report No.:	1466/2025-26	Date of Issue :	31-01-2026
mple ID :	PCW1466/01/2026	Mode of Sample:	-------
ain Source :	Surface water	Source :	Treated Water
cation :	Muni.Tapwater at School Campus		
llage :	Porbandar	Habitation :	Porbandar
luka :	Porbandar	District :	Porbandar
titude :	-----	Longitude :	-----
ndly 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
2	Odour	-	IS 3025 (Part-5): 2018	Agreeable
3	Taste	-	IS 3025 (Part-8): 2023	Agreeable
4	Turbidity	NTU	APHA (24th Ed.2023), Method: 2130 B	2.62
5	pH at 25°C	-	APHA (24th Ed.2023) Method: 4500 H^+ B	8.06
6	Total Dissolved Solids	mg/l	APHA (24th Ed.2023) Method: 2540 C	234
7	Total Hardness (as $CaCO_3$)	mg/l	APHA (24th Ed.2023) Method: 2340 C	112
8	Calcium (as Ca^{+2})	mg/l	APHA (24th Ed.2023) Method: 3500 Ca^{+2} B	30
9	Magnessium (as Mg^{+2})	mg/l	APHA (24th Ed.2023) Method: 3500-Mg^{+2} B	9
10	Chloride (as Cl^-)	mg/l	APHA (24th Ed.2023) Method: 4500-Cl^- B	60
11	Sulphate (as SO_4^{-2})	mg/l	APHA (24th Ed.2023) Method: 4500-SO_4^{-2} E	21
12	Nitrate (as NO_3^-)	mg/l	APHA (24th Ed.2023) Method: 4500-NO_3^- B	1.77
13	Fluoride (as F^-)	mg/l	APHA (24th Ed.2023) Method: 4500-F^- C	0.14
14	Total Alkalinity (as $CaCO_3$)	mg/l	APHA (24th Ed.2023) Method: 2320 B	80

his 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. Name & Address Of Customer & details of Sample are Provided by the Customer.

Reviewed By :
S. C. Rathod
(S. C. RATHOD)
Tech. Manager

Authorised By :
(A. R. JUNGI)
Quality Manager
Authorised Signatory

O.W.No. DLP/PBR/C. Report/ 340 /of 2026, Dt. 31 / 1 /2026.

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	Total Dissolved Solids	mg/l	500	2000
7	Total Hardness (as $CaCO_3$)	mg/l	200	600
8	Calcium (as Ca)	mg/l	75	200
9	Magnessium (as Mg)	mg/l	30	100
10	Chloride (as Cl)	mg/l	250	1000
11	Sulphate (as SO_4)	mg/l	200	400
12	Nitrate (as NO_3)	mg/l	45	No relaxation
13	Fluoride (as F)	mg/l	1	1.5
14	Total Alkalinity (as $CaCO_3$)	mg/l	200	600

DISTRICT LABORATORY
Office Of The Executive Engineer P.H.W. Division,
Gujarat Water Supply Sewarage Board
"JAL BHAVAN"Opp. Hotel Lal Palace Porbandar
Phone:02862251521 EMAIL ID- porbandarlab@gmail.com

GUJARAT JALSEVA TRAINING INSTITUTE
GWSSB LABORATORIES

REPORT ON BACTERIOLOGICAL EXAMINATION OF WATER

ame & Address

M SHRI KENDRIYA VIDYALAYA

Sender's Ref. No. : F.no.12029/KVPBR/2025-26/240

rla Road, Nr.Coast Guard DHQ-1,Porbandar

Ref. Date : Dt. 29/1/2026

a- Porbandar Dist- Porbandar

Date & Time of Commencing Examination : 29-Jan-26

Sample collected by : Sender

BW No.	1617
ate of Collection	29-Jan-26
ate of Arrival at Lab.	29-Jan-26
ource of Water Sample	Muni.Tapwater at School Campus
illage	Porbandar
abitation	Porbandar
aluka	Porbandar
istrict	Porbandar
PHA, AWWA, 9221-D Presence - Absence Coliform est, @ 37° C	.....
PHA, AWWA, 9221-F Presence - Absence E-Coli est, @ 44° C	.....
PHA-9222B,IS-15185:2016,ISO 9308-1:2014 Total oliform Test.	<1
PHA-9222D, IS-15185:2016, ISO 9308-1:2014 herotolerant Fecal coliform (*E.Coli*)	<1
ree Chlorine (PPM)	0.1
PINION FOR POTABILITY :	Safe

mportant Note:-

) '>=' Indicates greater than or equal to, 2) '<' Indicates less than

OTE : Table - 6 Bacteriological Quality of Drinking Water (BIS:10500:2012) : Second Rivision.

) All Water Intended for Drinking -
(a) E.coli or Thermotolerant coliform bacteria shall not be detactable in any 100ml sample.
) Treated Water Entering the Distribution system & Treated Water in the Distribution system -
(a) E.coli or Thermotolerant coliform bacteria shall not be detactable in any 100ml sample.
(b) Total coliform bacteria shall not be detactable in any 100ml sample.
) 0.2ppm Free Residual Chlorine at consumer end is recommanded.
) Test Report is issued for assessing Bacteriological Fitness as per the BIS 10500:2012 for the given Drinking Water Sample nly.
) This Report should not be taken as a basis to getting license from any Government authority.
) After Collection of Bact. Sample, it must be preserved at 4°C and submitted to laboratory within 24hrs.

AUTHORITY SIGNATORY

Outward No.: BAR / 341 / of 2026, Date: 31 / 1 / 2026