



PUBLIC HEALTH LABORATORY

VADODARA MUNICIPAL CORPORATION

(NABL Accredited Testing Laboratory as per ISO/IEC 17025 : 2017)



Name and address of Customer (#):
NAVRACHNA SCHOOL
SAMA ROAD VADODARA

Test Report No : PHL/PW/1261/2026
Test Report Issue Date : 20-08-2026
Sample Code No. : PW/1243/2026
Sample Received Date : 14-08-2026
ULR Number : TC955926000002962F

Test Report

- (i) Kind of Sample (#) : Corporation Water.
(ii) Sample Description : 1 litre water sample received in plastic bottle.
(iii) Sample Condition : Received in good condition.
(iv) Physical Appearance : A clear colourless liquid.
(v) Date of Performance : 14-08-2026 to 20-08-2026.
(vi) Location of Performance : Water Testing Lab.
(vii) Discipline : Chemical.
(viii) Group : Water.

Sr. No.	Quality Characteristic	Name of Method of Test Used	Result	IS 10500:2012 (2 nd Revision)	
				Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
				Max.	Max.
1	Colour, Hazen unit	APHA (24 th Ed.2022), Method: 2120 B	1	5	15
2	Odour	IS 3025 (Part-5) : 2018	Agreeable	Agreeable	Agreeable
3	Turbidity, NTU	APHA (24 th Ed.2022), Method: 2130 B	< 0.10	1	5
4	pH at 25°C	APHA (24 th Ed.2022), Method: 4500 H ⁺ B	7.10	6.5 to 8.5	No relaxation
5	Conductivity at 25°C, µs/cm	APHA (24 th Ed.2022), Method: 2510 B	99.00	-	-
6	Total Dissolved Solids, mg/L	APHA (24 th Ed.2022), Method: 2540 C	60.00	500	2000
7	Total Hardness (as CaCO ₃), mg/L	APHA (24 th Ed.2022), Method: 2340 C	28.00	200	600
8	Calcium (as Ca ²⁺), mg/L	APHA (24 th Ed.2022), Method: 3500 Ca ²⁺ B	5.61	75	200
9	Magnesium (as Mg ²⁺), mg/L	APHA (24 th Ed.2022), Method: 3500 Mg ²⁺ B	3.39	30	100
10	Chloride (as Cl ⁻), mg/L	APHA (24 th Ed.2022), Method: 4500 Cl ⁻ B	14.00	250	1000
11	Sulphate (as SO ₄ ²⁻), mg/L	APHA (24 th Ed.2022), Method: 4500 SO ₄ ²⁻ E	5.85	200	400
12	Nitrate (as NO ₃ ⁻), mg/L	APHA (24 th Ed.2022), Method: 4500 NO ₃ ⁻ B	< 1.00	45	No relaxation
13	Fluoride (as F ⁻), mg/L	APHA (24 th Ed.2022), Method: 4500 F ⁻ C	< 0.10	1	1.5
14	Total Alkalinity (as CaCO ₃), mg/L	APHA (24 th Ed.2022), Method: 2320 B	30.00	200	600

Note : Above tests are accredited by NABL

Opinion: In respect of test performed as above, the sample Complies with standard requirement of IS 10500 : 2012 (2nd revision) for drinking water.



(M. L. Patel)
Food Analyst

Public Health Laboratory
Vadodara Municipal Corporation

Note:

1. This Report is refers only to particular sample submitted for testing.
2. This Report is not to be used for the purpose of Advertisement or Legal action.
3. Information marked with “#” is provided by the customer.

End of Test Report



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(vi) Location of Performance : Water Testing Lab.
(vii) Discipline : Chemical and Biological.
(viii) Group : Water.

Sr. No.	Quality Characteristic	Name of Method of Test Used	Result	IS 10500:2012 (2nd Revision)	
				Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
				Max.	Max.
1	Residual Free Chlorine, mg/L	FSSAI Manual Method For Analysis of Foods (Water), 2016	Nil	0.2*	1.0
2	E. Coli	FSSAI Manual Method For Analysis of Foods (Water), 2016	Absent	shall not be detectable in any 100 ml sample	No relaxation

Note : Above tests are not accredited by NABL.

Opinion: In respect of test performed as above, the sample Complies with standard requirement of IS 10500 : 2012 (2nd revision) for drinking water.




(M. L. Patel)
Food Analyst
Public Health Laboratory
Vadodara Municipal Corporation

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- 3*. To be applicable only when water is chlorinated.
- 4*. When protection against viral infection is required, it should be minimum 0.5 mg/L.
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End of Test Report