



PUBLIC HEALTH LABORATORY

VADODARA MUNICIPAL CORPORATION

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



Name and address of Customer (#):
NAVRACHANA VIDYANI VIDYALAYA
NEAR SAMA SPORTS COMPLEX,
SAMA, VADODARA-390008.

Test Report No : PHL/PW/0300/2026
Test Report Issue Date : 18-02-2026
Sample Code No. : PW/0283/2026
Sample Received Date : 12-02-2026
ULR Number : TC955926000000579F

Test Report

- (i) Kind of Sample (#) : Drinking Water (R.O.)
(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 : 12-02-2026 to 18-02-2026.
(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	0.20	1	5
4	pH at 25°C	APHA (24 th Ed.2022), Method: 4500 H ⁺ B	7.54	6.5 to 8.5	No relaxation
5	Conductivity at 25°C, µs/cm	APHA (24 th Ed.2022), Method: 2510 B	251.00	-	-
6	Total Dissolved Solids, mg/L	APHA (24 th Ed.2022), Method: 2540 C	164.00	500	2000
7	Total Hardness (as CaCO ₃), mg/L	APHA (24 th Ed.2022), Method: 2340 C	58.00	200	600
8	Calcium (as Ca ²⁺), mg/L	APHA (24 th Ed.2022), Method: 3500 Ca ²⁺ B	14.43	75	200
9	Magnesium (as Mg ²⁺), mg/L	APHA (24 th Ed.2022), Method: 3500 Mg ²⁺ B	5.32	30	100
10	Chloride (as Cl ⁻), mg/L	APHA (24 th Ed.2022), Method: 4500 Cl ⁻ B	24.00	250	1000
11	Sulphate (as SO ₄ ⁻²), mg/L	APHA (24 th Ed.2022), Method: 4500 SO ₄ ⁻² E	23.97	200	400
12	Nitrate (as NO ₃ ⁻), mg/L	APHA (24 th Ed.2022), Method: 4500 NO ₃ ⁻ B	10.57	45	No relaxation
13	Fluoride (as F ⁻), mg/L	APHA (24 th Ed.2022), Method: 4500 F ⁻ C	0.16	1	1.5
14	Total Alkalinity (as CaCO ₃), mg/L	APHA (24 th Ed.2022), Method: 2320 B	88.00	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.



End of Test Report



(M. L. Patel)
Food Analyst

Public Health Laboratory
Vadodara Municipal Corporation

PRINCIPAL
NAVRACHANA VIDYANI VIDYALAYA
SAMA-VADODARA

Note:

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

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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.

End of Test Report



(M. L. Patel)
Food Analyst
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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*. To be applicable only when water is chlorinated.
- 4*. When protection against viral infection is required, it should be minimum 0.5 mg/L.
5. Information marked with "#" is provided by the customer.