



PUBLIC HEALTH LABORATORY

Vadodara Municipal Corporation,
1st and 2nd Floor Old Vuda Building,
Fatehgunj, Vadodara - 390002

Phone: 0265- 2781433

To,
Kendriya Vidhyalay No.1
Harni Road, Beside Sangam Hospital,
Nr. Sangam Char Rasta, Vadodara.

Test Report No : PHL/PW/692/2024
Test Report Issue Date : 20/06/2024
Sample Code No. : PW/0672/2024
Sample Received Date : 12/06/2024

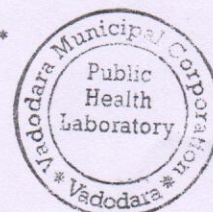
Test Report

- (i) Kind of Sample : Corporation Water.
- (ii) Sample Description : 1 Liter water sample received in plastic bottle.
- (iii) Physical Appearance : A clear colourless liquid.
- (iv) Date of Performance : From 12/06/2024 to 20/06/2024
- (v) Location of Performance : Water Testing Lab.
- (vi) Discipline : Chemical and Biological.
- (vii) 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	1.0	5	15
2	Odour	IS 3025 (Part-5) : 2018	Agreeable	Agreeable	Agreeable
3	Turbidity, NTU	APHA (24 th Ed.2022), Method: 2130 B	0.45	1	5
4	pH at 25°C	APHA (24 th Ed.2022), Method: 4500 H ⁺ B	7.78	6.5 to 8.5	No relaxation
5	Conductivity at 25°C, µs/cm	APHA (24 th Ed.2022), Method: 2510 B	430.00	-	-
6	Total Dissolved Solids, mg/L	APHA (24 th Ed.2022), Method: 2540 C	222.00	500	2000
7	Total Hardness (as CaCO ₃), mg/L	APHA (24 th Ed.2022)/Method: 2340 C	162.00	200	600
8	Calcium (as Ca ⁺²), mg/L	APHA (24 th Ed.2022), Method: 3500 Ca ⁺² B	28.06	75	200
9	Magnesium (as Mg ⁺²), mg/L	APHA (24 th Ed.2022), Method: 3500 Mg ⁺² B	22.32	30	100
10	Chloride (as Cl ⁻), mg/L	APHA (24 th Ed.2022), Method: 4500 Cl ⁻ B	48.00	250	1000
11	Sulphate (as SO ₄ ⁻²), mg/L	APHA (24 th Ed.2022), Method: 4500 SO ₄ ⁻² E	27.10	200	400
12	Nitrate (as NO ₃ ⁻), mg/L	APHA (24 th Ed.2022), Method: 4500 NO ₃ ⁻ B	3.69	45	No relaxation
13	Fluoride (as F ⁻), mg/L	APHA (24 th Ed.2022), Method: 4500 F ⁻ D	0.73	1	1.5
14	Total Alkalinity (as CaCO ₃), mg/L	APHA (24 th Ed.2022), Method: 2320 B	180.00	200	600
15	Ammonia (Sewage Contamination)	FSSAI Manual Method for Analysis of Foods (Water), 2016	Absent	Absent	Absent
16	Residual Free Chlorine, mg/L	FSSAI Manual Method for Analysis of Foods (Water), 2016	Nil	0.2*	1.0
17	E.Coli	FSSAI Manual Method for Analysis of Foods (Water), 2016	Absent	shall not be detectable in any 100 ml sample	No relaxation

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

End of Test Report



[Signature]
Food Analyst
Public Health Laboratory
Vadodara Municipal Corporation
Vadodara

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