



D/PM7/Public Health/Public Health-3-AHK-5

VADODARA MUNICIPAL CORPORATION**PUBLIC HEALTH LABORATORY**

Vadodara - 390 002, Phone : 0265 - 27 81 433

REPORT ON SHORT PHYSICAL & CHEMICAL EXAMINATION OF WATER

To,
 TREE HOUSE HIGH SCHOOL
 B/S SWAMINARAYAN TEMPLE NR VUDA COLONY,
 ATLADARA VADODARA

Test Report No. : PHL/PWI 23/2021
 Date : 22/3/2021
 Date of Collection : 12/3/2021
 Sample No. : PW-0235

Source and Details of Sample : Corporation Water

Sr. No.	Characterisitic	Analytical Value	Permissible Value as per IS : 10500 : 2012	
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
1.	Colour, Hazen Unit, Max	Colourless	5	15
2.	Odour	Odourless	Agreeable	Agreeable
3.	Turbidity NTU, max	0.30	1	5
4.	pH Value	7.80	6.5 - 8.5	6.5 - 8.5
5.	Total Alkalinity (as CaCO ₃), mg/L, Max	158	200	600
6.	Total Hardness (as CaCO ₃), Mg/L, Max	144	200	600
7.	Calcium (as Ca), mg/L, Max	32	75	200
8.	Magnesium (as Mg), mg/L, Max	15	30	100
9.	Chloride (as Cl), mg/L, Max	38	250	1000
10.	Sulphate (as SO ₄), mg/L, Max	Nil	200	400
11.	Nitrate (as NO ₃), mg/L, Max	-----	45	45
12.	Fluoride (as F), mg/L, Max	0.60	1.0	1.5
13.	Total Dissolved Solids mg/L, Max	204	500	2000
14.	Mineral oil mg/L, Max	----	0.5	0.5
15.	Ammonia (Sewage Contamination)	Absent	Absent	Absent
16.	Free Residual Chlorine mg/L, Min	0.2	0.2	1.0

Remark : (For Sr. No. : 16) to be applicable only when water is chlorinated. Tested at consumer end. When protection against viral infection is required, it should be minimum 0.5 mg/l

Opinion : The Water is Chemically Fit for Drinking Purpose.

BACTERIOLOGICAL QUALITY

Sr. No.	Organisms	Result	Requirements as per IS:10500:2012
1	E. Coli	Absent	shall not be detectable in any 100 ml sample

Opinion : The Water is Bacteriologically Fit for Drinking Purpose.

TRUE COPY

S. Patra
 Principal
 TREE HOUSE HIGH SCHOOL
 (CBSE)
 VADODARA-390 012



Food Analyst
 Vadodara Municipal Corporation
 Vadodara