

**VADODARA MUNICIPAL CORPORATION****PUBLIC HEALTH LABORATORY**

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

REPORT ON SHORT PHYSICAL & CHEMICAL EXAMINATION OF WATER

To,
ATMIYA VIDHYALAY
MANJALPUR VADODARA

Outward PHL No. : 1607/19-20
Date : 28-Feb-20
Date of Collection : 24-Feb-20
Sample No. : PW-01186

Source and Details of Sample : Borewell Water

Sr. No.	Characteristic	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	Nil	1	5
4.	pH Value	8.19	6.5 - 8.5	6.5 - 8.5
5.	Total Alkalinity (as CaCO ₃), mg/L, Max	164	200	600
6.	Total Hardness (as CaCO ₃), Mg/L, Max	160	200	600
7.	Calcium (as Ca), mg/L, Max	24	75	200
8.	Magnesium (as Mg), mg/L, Max	24	30	100
9.	Chloride (as Cl), mg/L, Max	48	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	0.62	1.0	1.5
13.	Total Dissolved Solids mg/L, Max	253	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	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.



Food Analyst
Vadodara Municipal Corporation
Vadodara

NOTE : The Sample was not Drawn by this Office

अ. म. (द. क्षेत्र) नं. 594/2510
01/2/20

HEALTH & SANITATION CONDITION CERTIFICATE

NO. : _____

DATE: _____


It is certified that an inspection team headed by Mr ANUP M. PRAJAPATI (South Zone) from Vadodara Municipal Corporation inspected the Atmiya Vidyalay, Beside Atmiyadham, Nr. Avadhoot Railway Crossing, Manjalpur, Vadodara-390011 on 2/3/2020 and found that Atmiya Vidyalay is maintaining safe sanitation and hygienic condition for the students and members of staff in the campus and school building as per the norms prescribed by the Central/State/U.T Govt.

The above valid for a period of One year from date of inspection.

Signature with Seal: _____

Name : _____

Designation : _____


Anup M. Prajapati
अध्यक्ष (दक्षिण क्षेत्र)
वडोदरा नगरपालिका

To,

Atmiya vidyalay,

Beside Atmiyadham,

Nr. Avadhoot Railway Crossing,

Manjalpur,

Vadodara-390011


Principal / Administrator