



REPORT ON SHORT CHEMICAL EXAMINATION OF WATER

Name & Address
English Teaching School
B/h. Railway Station,
Nadiad

Sender's Ref. No. : Nil
Ref. Date : Dt.05.02.2020
Sample Collected By : **Sender**

Sr. No.	Lab. Reference : CW No.	***	***	2338	2339
*	Date of Collection	Value as per IS 10500 : 2012		05-Feb-20	05-Feb-20
*	Date of Arrival at Laboratory	(Second Revision)		05-Feb-20	05-Feb-20
*	Source of Water Sample	Requirement [Acceptable Limit] MAX	* Permissible Limit in the absence of Alternate Source MAX	Tube Well In the School Compound	From R.O.Filter In the School
*	Village	***	***	Nadiad	Nadiad
*	Habitation	***	***	Nadiad	Nadiad
*	Taluka	***	***	Nadiad	Nadiad
*	District	***	***	Kheda	Kheda
1	Colour - Hazen Units	5	15	Colourless	Colourless
2	Turbidity - NTU	1	5	0.82	0.38
3	Dissolve Solids - mg/l	500	2000	1362	302
4	Conductivity - μ s/cm	2128	494
5	pH	6.5 to 8.5	No Relaxation	7.74	7.28
6	Total Hardness (as CaCO ₃) mg/l	200	600	556	160
7	Calcium (as Ca ⁺²) mg/l	75	200	91	29
8	Magnesium (as Mg ⁺²) mg/l	30	100	79	21
9	Chloride (as Cl ⁻) mg/l	250	1000	384	24
10	Sulphate (as SO ₄ ⁻²) mg/l	200	400	30	5
11	Nitrates (as NO ₃ ⁻) mg/l	45	No Relaxation	69.70	7.49
12	Fluoride (as F ⁻) mg/l	1.0	1.5	0.61	0.19
13	Alkalinity (as CaCO ₃) mg/l	200	600	596	180
Opinion for Potability is given as per Analysed test parameter/s only.				UNFIT	FIT

Note:

* It is recommended that the acceptable limit is to be implemented. Values in excess of those mentioned under "acceptable" render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under "permissible limit in the absence of alternate source" above which the sources will have to be rejected.

1. Test Report is issued for assessing Chemical Fitness as per the BIS 10500:2012 for the given Drinking Water Sample only.

2. This Report should not be taken as a basis to getting license from any Government authority.

3. Chemical Sample must be submitted within 72 hours to laboratory from time of collecting sample.

4. Excessive Turbidity, if any may be removed before use.

Outward No.: CAR/322/ of 2020, Date : 10 / 02 / 2020

Laboratory In charge