



TALUKA LABORATORY
O/O The Dy. Ex. Eng
P.H.S Sub Dn.
Plot No. 06, Sec-8, Nr. Income Tax Office
Gandhidham (370201) Kachchh
Email ID : tl.gandhidham@gmail.com



REPORT ON SHORT CHEMICAL EXAMINATION OF WATER

Name & Address

The Principal
Academic Heights Public School
Gandhidham

Sender's Ref. No. :

Ref. Date : ...

Date of Collection : 16.09.19

Date of Arrival : 16.09.19

Lab. Ref. No. - CW : 461

Sample Collected By : sender

Source of water Sample :-

R/O Water

Village:SHINAY, Habitation:....., Taluka:GANDHIDHAM, District:KACHCHH

Sr. No.	CHARACTERISTIC	Value as per IS 10500 : 2012 [2 nd Revision]		Analytical Value
		Requirement [Acceptable Limit] MAX	* Permissible Limit in the absence of Alternate Source MAX	
1	Colour - Hazen Units	5	15	Nil
2	Odour	Agreeable	Agreeable	Agreeable
3	Turbidity - NTU	1	5	0.11
4	Dissolve Solids - mg/l	500	2000	54
5	Conductivity - μ s/cm	84
6	pH	6.5 to 8.5	No Relaxation	8.26
7	Total Hardness (as CaCO ₃) mg/l	200	600	8
8	Calcium (as Ca ⁺²) mg/l	75	200	2
9	Magnesium (as Mg ⁺²) mg/l	30	100	1
10	Chloride (as Cl ⁻) mg/l	250	1000	24
11	Sulphate (as SO ₄ ⁻²) mg/l	200	400	2
12	Nitrates (as NO ₃ ⁻) mg/l	45	No Relaxation	0.20
13	Fluoride (as F ⁻) mg/l	1.0	1.5	0.11
14	Alkalinity (as CaCO ₃) mg/l	200	600	16
Opinion for Potability is given as per Analysed test parameters only.				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 / 320 / of 2019, Date : 24 / 09 / 2019

Laboratory In charge