



TALUKA LABORATORY

Nr, Haloltollnaka behind: Greencity Hotel, Halol, Dist: Panchmahal.
PIN-389350. Phone: 02676-298424.



REPORT ON SHORT CHEMICAL EXAMINATION OF WATER

Name & Address
Amrit Vidhyalaya, Aata
Alva, Kalol
Dist: Panchmahal

Sender's Ref. No. : Index no: 59.614
Ref. Date : Dt: 6.04.21
Date of Collection : 06-Apr-21
Date of Arrival : 06-Apr-21
Lab. Ref. No. - CW : 007
Sample Collected By : Senders

Source of water Sample :-
Bore- In. Compound

Village: AANTA, Habitation: __, Taluka: KALOL, District: PANCHMAHAL

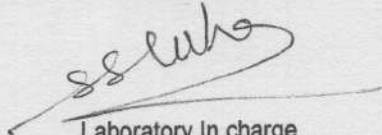
Sr. No.	CHARACTERISTIC	Value as per IS 10500 : 2012 [2 nd Revision]		Analytical Value
		Requirement [Acceptable Limit] MAX	* Permissible Limit in the absence of Alternate Source MAX	
1	Colour - Hazen Units	5	15	Nil
2	Turbidity - NTU	1	5	1.07
3	Dissolve Solids - mg/l	500	2000	448
4	Conductivity - μ s/cm	700
5	pH	6.5 to 8.5	No Relaxation	7.58
6	Total Hardness (as CaCO ₃) mg/l	200	600	240
7	Calcium (as Ca ⁺²) mg/l	75	200	29
8	Magnesium (as Mg ⁺²) mg/l	30	100	40
9	Chloride (as Cl ⁻) mg/l	250	1000	44
10	Sulphate (as SO ₄ ⁻²) mg/l	200	400	34
11	Nitrates (as NO ₃ ⁻) mg/l	45	No Relaxation	22.84
12	Fluoride (as F ⁻) mg/l	1.0	1.5	0.70
13	Alkalinity (as CaCO ₃) mg/l	200	600	300
Opinion for Potability is given as per Analysed test parameter/s 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 / 110 / of 2021, Date : 15 / 4 / 2021


Laboratory In charge