

# CERTIFICATE



It is Given hereby Certified that Eklavya Model Residential School Bartard in Village Bartard is Under Control Primary Health Center Anklachh, Ta.Vansda, Dist.Navsari. According to My Knowledge ,I certified that the provision of health, Hygiene and sanitary systems are satisfactory and also it should be kept in the same quality and that this certificate should be issued on the condition.

Place:- Primary Health Center Anklachh,  
Ta.Vansda, Dist. Navsari.

Date:-25/02/2021

**MEDICAL OFFICER**  
P.H.C. Anklachh  
Ta.Vansda,Dist.Navsari



**TALUKA LABORATORY**  
**Gujarat Water Supply Sewerage Board**  
**VANSDA**

Phone No. (02630)-222060



**REPORT ON SHORT CHEMICAL EXAMINATION OF WATER**

**Name & Address**

The Principal

Eklavya Model Residential School Bartad

Ta. Vansda

Dist : Navsari

Sender's Ref. No. Ow.No./ T.D./

E.M.R.S.Bartad /166/2021

Ref. Date : 03.02.2021

Date of Collection : 03-Feb-21

Date of Arrival : 03-Feb-21

Lab. Ref. No. :- TVCW- 1674

Sample Collected By : Sender

**Source of water Sample :-**

Bore of Eklavya Model Residential School

**Village: BARTAD ( KHANPUR ), Habitation: SAVAR F., Taluka: VANSDA, District: NAVSARI**

Sr. No.	CHARACTERISTIC	Value as per IS 10500 : 2012 [2 <sup>nd</sup> Revision]		Analytical Value
		Requirement [Acceptable Limit ] MAX	* Permissible Limit in the absence of Alternate Source MAX	
1	Colour - Hazen Units	5	15	Colourless
2	Turbidity - NTU	1	5	2.16
3	Dissolve Solids - mg/l	500	2000	546
4	Conductivity - $\mu$ s/cm	.....	.....	881
5	pH	6.5 to 8.5	No Relaxation	7.54
6	Total Hardness (as $\text{CaCO}_3$ ) mg/l	200	600	336
7	Calcium (as $\text{Ca}^{+2}$ ) mg/l	75	200	67
8	Magnesium (as $\text{Mg}^{+2}$ ) mg/l	30	100	41
9	Chloride (as $\text{Cl}^-$ ) mg/l	250	1000	96
10	Sulphate (as $\text{SO}_4^{-2}$ ) mg/l	200	400	35.60
11	Nitrates (as $\text{NO}_3^-$ ) mg/l	45	No Relaxation	5.25
12	Fluoride (as $\text{F}^-$ ) mg/l	1.0	1.5	0.23
13	Alkalinity (as $\text{CaCO}_3$ ) mg/l	200	600	180
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.

Yatin R. Choudhary  
(Chemist)

Outward No.: TLV/...../of 2021, Date : 25 / 02 / 2021

(D.P PARMAR)  
SCIENTIFIC OFFICER