



## प्राथमिक आरोग्य केंद्र-लजई

ता.टंकारा अ.मोरबी

पीन नं. ३६३६४१, क्षेत्र नं. (०२८२२) २८५००३

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### SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No. PHC Aestavashi / ४५ / २०२२

Date: २ / ७ / २०२२

It is certified that an inspection team from P.H.C LAJAI (TANKARA) inspected the NALANDA VIDHYALAYA, situated NEAR AJANTA QUART, OPP. MAHINDRA TRACTORS, MORBI RAJKOT HIGHWAY, VIRPAR, MORBI and found that the NALANDA VIDHYALAYA has safe drinking water facilities for the student and members of staff of the institution and is maintaining the hygienic sanitation condition in the school building & the campus as per the norms prescribed by the State Govt.

The above valid for a period of Three Years

PLACE: PHC Lajai

DATE: २ / ७ / २०२२

P. D. Davi  
मेडिकल ऑफिसर  
प्राथमिक आरोग्य केंद्र  
लजई

## REPORT ON SHORT CHEMICAL EXAMINATION OF WATER

## Name &amp; Address

✓ Nalanda Vidhyalaya  
Morbi - Rajkot Highway , Near Ajanta Quartz,  
Virpar (Morbi) , DIST:MORBI

Sender's Ref. No. : -  
Ref. Date : 15-Jun-19  
Date of Collection : 15-Jun-22  
Date of Arrival : 15-Jun-22  
Lab. Ref. No. - CW : 437  
Sample Collected By : SENDER

## Source of water Sample :-

Filter Water From 20 Ltr. Bottle At Nalanda Vidhyalaya 'S Camapus

Village:VIRPAR, Habitation:VIRPAR, Taluka:MORBI, District:MORBI

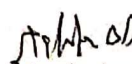
Sr. No.	CHARACTERISTIC	Value as per IS 10500 : 2012 [2 <sup>nd</sup> Revision]		Analytical Value
		Requirement [Acceptable Limit] MAX	* Permissible Limit in the absence of Alternate Source MAX	
1	Colour - Hazen Units	5	15	Nil
2	Odour	Agreeable	Agreeable	-
3	Turbidity - NTU	1	5	1.05
4	Dissolve Solids - mg/l	500	2000	163
5	Conductivity - $\mu$ s/cm	.....	.....	254
6	pH	6.5 to 8.5	No Relaxation	7.81
7	Total Hardness (as CaCO <sub>3</sub> ) mg/l	200	600	92
8	Calcium (as Ca <sup>2+</sup> ) mg/l	75	200	22
9	Magnesium (as Mg <sup>2+</sup> ) mg/l	30	100	9
10	Chloride (as Cl <sup>-</sup> ) mg/l	250	1000	56
11	Sulphate (as SO <sub>4</sub> <sup>2-</sup> ) mg/l	200	400	28
12	Nitrates (as NO <sub>3</sub> <sup>-</sup> ) mg/l	45	No Relaxation	3.29
13	Fluoride (as F <sup>-</sup> ) mg/l	1.0	1.5	0.19
14	Alkalinity (as CaCO <sub>3</sub> ) mg/l	200	600	52
15	-----	-----	-----	-----
16	-----	-----	-----	-----
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 /...../of 2022, Date : \_\_\_\_ / \_\_\_\_ / 2022

  
Laboratory In charge