


**PROFORMA REGARDING SAFE DRINKING WATER AND SANITARY CONDITION
CERTIFICATE.**

No. phc/mo/ceh/123/2023-24

Date : 17/01/2024

It is certified that an inspection team headed by Dr pankaj O. goswami
(Name of Officers
with designation) from Primary Health Centre - Kasturbadham (Name of
Department/Office) inspected the Bhasad Vidhya Mandir, Tramba
(Name & Address of
the School) on 17/01/2024 and found that the Shree G.K. Bhasad
vidhya mandir (Name of school) has safe
drinking water facilities for the students 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 Central/State/U.T Govt.

The above valid for a period of one year.

Signature with Seal : 
Name : Dr Pankaj O. Goswami
Designation : Medical Officer
Primary Health Center
Kasturbadham

To
Shree G.K. Bhasad Vidhya mandir
Rajkot - Bhavnagar - Highway
Kasturbadham
(Name & Address of the Institution)



P. H. E. Laboratory
G.W.S. & S.B.
 1st Floor, Chimanbhai Patel Vikas
 Bhavan, Jamnagar Road,
 RAJKOT - 360001
 Phone (0281) 2441521



જાહેર આરોગ્ય હાજનેરી પ્રમોગશાળા
 ગુ. પા. પુ. અને ગ.વ્ય.બોડ,
 પહેલો માળ, ચીમનભાઈ પટેલ વિકાસ ભવન,
 જામનગર રોડ, રાજકોટ- ૩૬૦૦૦૧
 ફોન : (૦૨૮૧) ૨૪૪૧૫૨૧



E mail : phel.rjt@gmail.com

TC-7149

Test Report

Name & Address of Customer:-

***BHARAD VISHVA VIDHYAPITH**

Vil. Kasturbadham- Tramba
 Tal. Rajkot
 Dist. RAJKOT

Customer Reference No.:

Nil, Dt. 29/11/2022

Sample Submitted by :

Sender

Date of Sample Receipt :

29-Nov-22

Analysis Starting Date :

29-Nov-22

Analysis Completion Date :

30-Nov-22

ULR No.:

TC714922000001563F

Discipline : Chemical Testing

Group : Water

Test Report No.:	968/2022-23	Date of Issue :	30/11/2022	
Sample ID :	RCW-968/11/2022	Mode of Sample:	-	
Main Source :	*Ground Water	Source :	*TUBE WELL WATER	
Location :	*In Sender's Premises			
Village :	KASTURBADHAM (TRAMBA)	Habitation :	KASTURBADHAM (TRAMBA)	
Taluka :	RAJKOT	District :	RAJKOT	
Latitude :	-	Longitude :	-	
Kindly find herewith the Analytical Results.		Sample Type:	Drinking Water	
Sr. No.	Parameter	Unit	Reference Method :	Analytical Value
1	Colour	Hazen	APHA (23 rd Ed 2017), Method: 2120 C	<1
2	Turbidity	NTU	APHA (23 rd Ed 2017), Method: 2130 B	2.03
3	pH at 25 ^o C	-	APIHA (23 rd Ed 2017) Method: 4500 H ⁺ B	7.65
4	Conductivity at 25 ^o C	μS/cm	APHA (23 rd Ed 2017) Method: 2510 B	1406
5	Total Dissolved Solids	mg/l	APHA (23 rd Ed 2017) Method: 2540 C	892
6	Total Hardness (as CaCO ₃)	mg/l	APHA (23 rd Ed 2017) Method: 2340 C	432
7	Calcium (as Ca ²⁺)	mg/l	APHA (23 rd Ed 2017) Method: 3500 Ca ²⁺ B	85
8	Magnesium (as Mg ²⁺)	mg/l	APHA (23 rd Ed 2017) Method: 3500-Mg ²⁺ B	53
9	Chloride (as Cl ⁻)	mg/l	APHA (23 rd Ed 2017) Method: 4500-Cl B	228
10	Sulphate (as SO ₄ ²⁻)	mg/l	APHA (23 rd Ed 2017) Method: 4500-SO ₄ ²⁻ E	72
11	Nitrate (as NO ₃ ⁻)	mg/l	APHA (23 rd Ed 2017) Method: 4500-NO ₃ ⁻ B	27.72
12	Fluoride (as F ⁻)	mg/l	APIHA (23 rd Ed 2017) Method: 4500-F C	0.21
13	Total Alkalinity (as CaCO ₃)	mg/l	APIHA (23 rd Ed 2017) Method: 2320 B	192

This Report is issued under the following terms & Condition :

- 1 This report is referring only to the tested sample and for applicable parameter.
- 2 The sample will be destroyed after retention time unless otherwise specified specially.
- 3 This report is not to be reproduce wholly or in part, and can't be used be as evidence in court of law.
- 4 Please refer back page for IS 10500:2012 (2nd Revision) limits.
- 5 *This Information (Name and address of the customer, details of the sample) are provided by the customer.

Prepared & Checked By :

(M. B. Chavda)

Chemist / Technical Manager

Issued By:

(S. T. GHODASARA)

Authorised Signatory

-----End of the Test Report-----

O.W.No. PHEL/RJT/C. Report/ 1385 /of 2022. Dt. 12 / 12 /2022.

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IS-10500:2012 (2nd Revision)

Sr. No.	Parameter	Unit	Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
			Max.	Max.
1	Colour	Hazen	5	15
2	Turbidity	NTU	1	5
3	pH at 25 ⁰ C	-	6.5 to 8.5	No relaxation
4	Conductivity at 25 ⁰ C	μS/cm	-	-
5	Total Dissolved Solids	mg/l	500	2000
6	Total Hardness (as CaCO ₃)	mg/l	200	600
7	Calcium (as Ca)	mg/l	75	200
8	Magnesium (as Mg)	mg/l	30	100
9	Chloride (as Cl)	mg/l	250	1000
10	Sulphate (as SO ₄)	mg/l	200	400
11	Nitrate (as NO ₃)	mg/l	45	No relaxation
12	Fluoride (as F)	mg/l	1	1.5
13	Total Alkalinity (as CaCO ₃)	mg/l	200	600



REPORT ON BACTERIOLOGICAL EXAMINATION OF WATER

Name & Address

BHARAD VISHVA VIDHYAPITH

Sender's Ref. No. : Nil

Vil. Kasturbadham- Tramba, Tal. Rajkot

Ref. Date : 29-Nov-22

Dist. RAJKOT

Date & Time of Commencing Examination : 29/11/2022;

Sample collected by : Sender

RBW No.	973
Date of Collection	29/11/2022
Date of Arrival at Lab.	29/11/2022
Source of Water Sample	TUBE WELL WATER IN SENDER'S PREMISES
Village	KASTURBADHAM (TRAMBA)
Habitation	KASTURBADHAM (TRAMBA)
Taluka	RAJKOT
District	RAJKOT
APHA, AWWA, 9221-D Presence - Absence Coliform Test, @ 37°	---
APHA, AWWA, 9221-F Presence - Absence E-Coli Test, @ 37° C	---
MPN of coliform per 100 ml of sample at 37° C	< 2
MPN of Faecal coliform per 100 ml of sample at 44° C	< 2
Free Chlorine (PPM)	Nil
OPINION FOR POTABILITY :	Fit

Important Note:-

" Unsafe* " :- Proper Disinfection may render it Safe.

Presence of Coliform in water sample indicates the need of proper Disinfection.

Water Sample contains very high Free Chlorine, such a high Chlorine is not advisable for human consumption. Free Chlorine shouldn't exceed "2 ppm" at the consumer end. Also the analysis is not feasible in presence of such a high Free Chlorine content.

** Presence of Free Chlorine in the water indicates that water is disinfected and hence bacteriologically water is Fit for Potable use.

1) '>=' Indicates greater than or equal to, 2) '<' Indicates less than

NOTE : Table - 6 Bacteriological Quality of Drinking Water (BIS:10500:2012) : Second Revision.

@ All Water Intended for Drinking -

(a) E.coli or Thermotolerant coliform bacteria shall not be detectable in any 100ml sample.

@ Treated Water Entering the Distribution system & Treated Water in the Distribution system -

(a) E.coli or Thermotolerant coliform bacteria shall not be detectable in any 100ml sample.

(b) Total coliform bacteria shall not be detectable in any 100ml sample.

@ 0.2ppm Free Residual Chlorine at consumer end is recommended.

1) Test Report is issued for assessing Bacteriological 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) After Collection of Bact. Sample, it must be preserved at 4°C and submitted to laboratory within 24hrs.


Microbiologist