



OFFICE OF THE SUPERINTENDING ENGINEER
RWS&S DIVISION, RAYAGADA

Vill. Ambaguda, Po-J.S.Co, Rayagada. 765 002

Email id: eerwss_rgd@nic.in, eerwssrgd@gmail.com, Phone No: 8280408061

Letter No: 4751

Date: 27.10.2022

To,

The Principal
Kendriya Vidyalaya, Gunupur
Dist-Rayagada.

Sub: Submission of water sample test report.

Ref: Yr. Lr. Dt. 26.10.2022

Sir,

With reference to the subject cited above, I am submitting herewith the test report of 01 No. of water sample collected by us as per your request letter with the following conditions.


Terms and conditions:

1. This test report relates to the sample collected by us.
2. Water from sources, other than the one tested, should be prohibited from human consumption without testing and if done so, the department shall not be responsible.
3. This sample, which is used for human consumption should be tested periodically.

This is for your information and necessary action.

Encl: Test Report 1 set

Yours faithfully


Superintending Engineer
RWS&S Division, Rayagada

Jal Jeevan Mission

Har Ghar Jal



District Level Water Testing Laboratory, RWSS, Rayagada

District Level Water Testing Laboratory, RWS&S Division, At-Ambaguda, Po-J.S.Co, Dist-Rayagada. 765002 (Test Address only)

Test report

Sample ID: U1229299L3215686930

User Information

Name:	Principal Kendriya Vidyalaya, Gunupur	Mobile:	9434328405
Email:	kvgunupur@gmail.com	Pin Code:	765022
Address:	Village- Abada, Gram Panchayat- Abada, Block- Gunupur, District- Rayagada, State- Odisha		

Sample description

Source of sample:	Tube well / Bore well / Well	Village:	Abada
Gram Panchayat:	Abada	Block:	Gunupur
District:	Rayagada	State:	Odisha
Address:		Remarks:	Kendriya Vidyalaya, Gunupur
Latitude:		Longitude:	

Date & time of sample collection	Date & time of sample received in lab	Date & time of sample analysed	Date & time of report generation
25.10.2022 09:50:00 AM	26.10.2022 09:40:00 AM	26.10.2022 03:30:00 PM	27.10.2022 11:23:59 AM

Test results

Parameters tested	Unit of measurement	Requirement (acceptable limit) as per BIS 10500	Permissible limit (in absence of alternate source) as per BIS 10500	Test result value	Remarks
Calcium (as Ca)	EDTA Titrimetric method	75	200	84.860	
Chloride (as Cl)	Argentometric method	250	1000	112.000	
Colour	Colour	5	15	0.000	
Conductivity	Instrumental method	NA	NA	609.230	
E. coli	Enzyme substrate method	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	

Parameters tested	Unit of measurement	Requirement (acceptable limit) as per BIS 10500	Permissible limit (in absence of alternate source) as per BIS 10500	Test result value	Remarks
Fluoride (as F)	Sodium 2- (parasulphophenylazo)-1,8-dihydroxy-3,6-naphthalene disulphonate (SPADNS) method	1	1.5	0.130	
Iron (As Fe)	Phenanthroline method or as per IS 15303:2002 Electrothermal atomic absorption/Spectrophotometer method	1	No Relaxation	0.190	
Magnesium (As Mg)	Calculation by APHA	30	100	32.080	
Odour	Visual comparison method	Agreeable	Agreeable	0.000	
pH	Electrometric method	6.5-8.5	No Relaxation	6.730	
Taste	Visual comparison method	Agreeable	Agreeable	0.000	
TDS	Calculation by APHA	500	2000	396.000	
Temperature	Temperature	NA	NA	25.000	
Total Alkalinity (as Calcium Carbonate)	Titration method	200	600	192.000	
Total coliform bacteria	Enzyme substrate method	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	
Total Hardness (As CaCO ₃)	EDTA Titrimetric method	200	600	344.000	
Turbidity	Nephelometric method	1	5	0.830	

The Sample is POTABLE

Note:

*Indicates parameters that are NABL accredited.

This test results related to the sample tested above

The report shall not to be reproduced in full without approval of authority

This is the end of the report

Authorized signatory

Satya Narayana Mahapatro (Test Lab Incharge)

Jal Jeevan Mission aims at potable tap water supply to every home

Let's join hands to ensure drinking water is potable. It helps in preventing water borne diseases and improve public health.

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Submitter Details

Name : Principal Kendriya Vidyalaya, Gunupur
 Mobile No / Email : 9434328405 / kvgunupur@gmail.com
 Sample Id : U1229299L321S686930
 Date & time of sample collection: 2022/10/25 09:50
 Source of sample : Tube well / Bore well / Well
 Entry time : 2022/10/27 10:09
 Sample Remarks : Kendriya Vidyalaya, Gunupur

Submitted Test Results

Sr. No.	Test name	Value	Value in Safe Range	Measurement method	Testing time	Entry time
1	Temperature	25.000	yes	Temperature	2022/10/26 10:00	2022/10/27 10:09
2	Colour	0.000	yes	Colour	2022/10/26 15:30	2022/10/27 10:09
3	Odour	0.000	yes	Visual comparison method	2022/10/26 09:55	2022/10/27 10:09
4	Taste	0.000	yes	Visual comparison method	2022/10/26 09:55	2022/10/27 10:09
5	Turbidity	0.830	yes	Nephelometric method	2022/10/26 15:00	2022/10/27 10:09
6	pH	6.730	yes	Electrometric method	2022/10/26 10:00	2022/10/27 10:09
7	TDS	396.000	yes	Calculation by APHA	2022/10/26 10:30	2022/10/27 10:09
8	Total Alkalinity (as Calcium Carbonate)	192.000	yes	Titration method	2022/10/26 11:30	2022/10/27 10:09
9	Chloride (as Cl)	112.000	yes	Argentometric method	2022/10/26 11:00	2022/10/27 10:09
10	Fluoride (as F)	0.130	yes	Sodium 2-(parasulphophenylazo)-1,8-dihydroxy-3,6-naphthalene disulphonate (SPADNS) method	2022/10/26 13:00	2022/10/27 10:09
11	Calcium (as Ca)	84.860	yes	EDTA Titrimetric method	2022/10/26 12:30	2022/10/27 10:09
12	Magnesium (As Mg)	32.080	yes	Calculation by APHA	2022/10/26 12:30	2022/10/27 10:09
13	Total Hardness (As CaCO ₃)	344.000	yes	EDTA Titrimetric method	2022/10/26 12:00	2022/10/27 10:09
14	Iron (As Fe)	0.190	yes	Phenanthroline method or as per IS 15303:2002 Electrothermal atomic absorption/Spectrophotometer method	2022/10/26 13:30	2022/10/27 10:09
15	E. coli	0.000	yes	Enzyme substrate method	2022/10/26 10:20	2022/10/27 10:09
16	Total coliform bacteria	0.000	yes	Enzyme substrate method	2022/10/26 10:20	2022/10/27 10:09
17	Conductivity	609.230	yes	Instrumental method	2022/10/26 10:30	2022/10/27 10:09