

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

DL190

User Information

Name THE PRINCIPAL
ARYAN ENGLISH MEDIUM SCHOOL Mobile 9040668317

Email: Pin Code 765026

Full Address ARYAN ENGLISH MEDIUM SCHOOL, GUDARI

Sample Description

Source of Sample BORE WELL / TUBE WELL Village GUDARI

Gram Panchayat GUDARI Block GUDARI

District RAYAGADA State ODISHA

Address GUDARI Remarks Raw Water

Latitude

Longitude

Sample Package Condition

a) Quantity of Sample received: 0.25 Ltr

b) Type of Container - PET

Sampling Protocol: Samples are not collected by this Laboratory

Date & Time of Sample Collection

18.04.2024 : 08.00 am

Date & Time of Sample Received in Lab

18.04.2024 : 11.00 am

Date & Time of Sample analysed

18.04.2024 : 11.30 am

Date & Time of report generation

20.04.2024 : 12.15 pm

Test Results

Sl. No	Parameter 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
1	Calcium (as Ca)	mg/l	75	200	46.430	
2	Chloride as (Cl)	mg/l	250	1000	44.000	
3	Colour	Hazen Units	5	15	0.000	

N. Patra
PRINCIPAL
Aryan English Medium School
Gudari, Dist- Rayagada

Swarnamoni Das
Secretary
Aryan English Medium School
Gudari, Dist-Rayagada

Sl. No	Parameter 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
4	Conductivity	micromhos per centimeter / microsiemens per centimeter	NA	NA	176.920	
5	E.Coli	CFU / 100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	
6	Fluoride (as F)	mg/l	1	1.5	0.060	
7	Iron (As Fe)	mg/l	1	No Relaxation	0.432	
8	Magnesium (As Mg)	mg/l	30	100	27.220	
9	Odour	NA	Agreeable	Agreeable	Acceptable	
10	pH	NA	6.5-8.5	No Relaxation	7.150	
11	Taste	NA	Agreeable	Agreeable	Not Tested	
12	TDS	mg/l	500	2000	115.000	
13	Temperature	NA	NA	NA	25.600	
14	Total Alkalinity (as Calcium Carbonate)	mg/l	200	600	228.000	
15	Total Coliform	CFU / 100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	
16	Total Hardness (As CaCO ₃)	mg/l	200	600	292.000	
17	Turbidity	NTU	1	5	0.140	

Note:

- 1)*indicates parameters that are NABL accredited
- 2) This test results relates to the sample tested above.
- 3) The report shall not be reproduced in full without approval of authority
- 4) This is the end of the report

Authorised Signature
Satya Narayana Mahapatro (Test Lab Incharge)

22.08.2023

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 improved public health

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