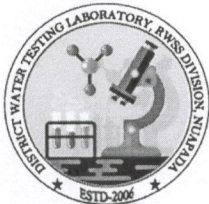


# DISTRICT WATER TESTING LABORATORY, R.W.S.&S., NUAPADA, NEAR SIRTOL AT/PO/DIST-NUAPADA, ODISHA, PIN-766105

Mob. -06678-225017; E-mail. - dwtlnuapada@gmail.com



## WATER ANALYSIS REPORT

TEST REPORT NO.- DWTLN/TR-126/2024-25  
ULR - 986523000000126F  
DATE OF ISSUE - 10.12.2024



| Sample Particulars                     |                                                  | Details of Sampling                   |                                                  |
|----------------------------------------|--------------------------------------------------|---------------------------------------|--------------------------------------------------|
| Name of the Customer :-                | Gyanjyoti Kanchanben Rasiklal Vidyalaya, Nuapada | Type of Source:-                      | Ground Water                                     |
|                                        |                                                  | Date of Sampling:-                    | 09.12.2024                                       |
|                                        |                                                  | Sample receive date:- Vide letter No. | 1059/09.12.2024                                  |
| Sample Package Condition:-             |                                                  | Sample Registration Date:-            | 09.12.2024                                       |
| a) Quantity of Sample Received –500 ml |                                                  | Sampling Protocol:-                   | Samples are not collected by this Laboratory     |
| b) Type of Container - PP              |                                                  | Sample Collected by:-                 | Gyanjyoti Kanchanben Rasiklal Vidyalaya, Nuapada |
|                                        |                                                  | Sample Location:-                     | As per Letter under reference (above)            |

| TEST RESULT      |                                          |            |                       |                                 |                                                  |                                                                             |
|------------------|------------------------------------------|------------|-----------------------|---------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------|
| Test started on- |                                          | 09.12.2024 |                       | Test completed on-              |                                                  | 10.12.2024                                                                  |
| Sl.              | Test Parameters                          | Units      | Results               | Requirements<br>IS 10500 : 2012 |                                                  | Test Method                                                                 |
|                  |                                          |            |                       | Acceptable Limit                | Permissible Limit in absence of alternate source |                                                                             |
| 1                | Temperature                              | °C         | 23.09 for each Sample | -----                           | -----                                            | Instrumental Method                                                         |
| 2                | pH                                       | pH Unit    | 1. 6.68@23.9°C        | 6.5 to 8.5                      | No relaxation                                    | Electrometric Method,<br>( APHA 23 <sup>rd</sup> Ed 4500-H <sup>+</sup> B ) |
| 3                | Elect. Conductivity                      | µmho/cm    | 1. 348.9@23.9°C       | ---                             | ---                                              | Instrumental Method<br>( APHA 23 <sup>rd</sup> Ed 2510 B )                  |
| 4                | Turbidity                                | NTU        | 1. 0.48               | 1.0                             | 5.0                                              | Nephelometric Method<br>( APHA 23 <sup>rd</sup> Ed. - 2130. B )             |
| 5                | Chloride                                 | mg/l       | 1. 40                 | 250                             | 1000                                             | Argentometric Method<br>( APHA 23 <sup>rd</sup> Ed 4500 - Cl- B )           |
| 6                | Total Hardness (as CaCO <sub>3</sub> )   | mg/l       | 1. 102                | 200                             | 600                                              | EDTA Titrimetric Method<br>( APHA 23 <sup>rd</sup> Ed 2340 C )              |
| 7                | Total Alkalinity (as CaCO <sub>3</sub> ) | mg/l       | 1. 98                 | 200                             | 600                                              | Titration Method<br>( APHA 23 <sup>rd</sup> Ed. - 2320 B )                  |
| 8                | Iron                                     | mg/l       | 1. 0.344              | 1.0                             | No relaxation                                    | Phenanthroline Method<br>( APHA 23 <sup>rd</sup> Ed 3500 - Fe B )           |

### Information on Test Report:

Results relates only to samples received in the Laboratory.

The test report shall not be reproduced except in full without written approval of DWTLN.

#APHA - American Public Health Association

The parameters are accredited by NABL.

Checked & Compared by

Soumya Prakash Joshi  
Technical Manager

Technical Manager  
District Water Testing Laboratory  
RWS&S Division, Nuapada

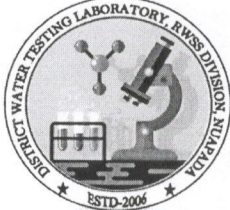
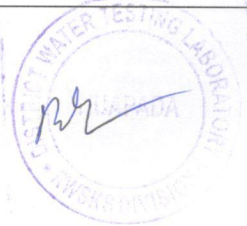
Bijayalaxmi Satapathy  
Quality Manager

District Water Testing Laboratory  
Authorized Signatory  
Quality Manager

District Water Testing Laboratory  
RWS&S Division, Nuapada

# DISTRICT WATER TESTING LABORATORY, R.W.S.&S., NUAPADA, NEAR SIRTOL AT/PO/DIST-NUAPADA, ODISHA, PIN-766105

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|                                                                                                |                              |                                                                                     |
|------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------|
|               | <b>WATER ANALYSIS REPORT</b> |  |
| TEST REPORT NO.- DWTLN/TR-126/2024-25<br>ULR - 9865230000000126F<br>DATE OF ISSUE - 10.12.2024 |                              |                                                                                     |

| Sample Particulars                                                                                | Details of Sampling                                                              |
|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| Name of the Customer :-<br><b>Gyanjyoti Kanchanben Rasiklal Vidyalaya, Nuapada</b>                | Type of Source:-<br><b>Ground Water</b>                                          |
|                                                                                                   | Date of Sampling:-<br><b>09.12.2024</b>                                          |
| Sample Package Condition:-<br>a) Quantity of Sample Received -500 ml<br>b) Type of Container - PP | Sample receive date:-<br><b>1059/09.12.2024</b>                                  |
|                                                                                                   | Sample Registration Date:-<br><b>09.12.2024</b>                                  |
|                                                                                                   | Sampling Protocol:-<br><b>Samples are not collected by this Laboratory</b>       |
|                                                                                                   | Sample Collected by:-<br><b>Gyanjyoti Kanchanben Rasiklal Vidyalaya, Nuapada</b> |
|                                                                                                   | Sample Location:-<br><b>As per Letter under reference (above)</b>                |

| TEST RESULT      |                              |            |          |                                 |                                                  |                                                                                     |
|------------------|------------------------------|------------|----------|---------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------|
| Test started on- |                              | 09.12.2024 |          | Test completed on-              |                                                  | 10.12.2024                                                                          |
| Sl.              | Test Parameters              | Units      | Results  | Requirements<br>IS 10500 : 2012 |                                                  | Test Method                                                                         |
|                  |                              |            |          | Acceptable Limit                | Permissible Limit in absence of alternate source |                                                                                     |
| 1                | Total Dissolved Solids (TDS) | mg/l       | 1. 226.8 | 500                             | 2000                                             | Calculation Method (by APHA)                                                        |
| 2                | Fluoride (as F)              | mg/l       | 1. 0.671 | 1.0                             | 1.5                                              | Ion -Selective Electrode Method (APHA 23 <sup>rd</sup> Ed. - 4500 F <sup>-</sup> C) |
| 3                | Calcium                      | Mg Ca/l    | 1. 18.44 | 75                              | 200                                              | EDTA Titrimetric Method (APHA 23 <sup>rd</sup> Ed 3500-B)                           |
| 4                | Magnesium                    | mg/l       | 1. 13.61 | 30                              | 100                                              | Calculation Method (by APHA)                                                        |
| 5                | Total Coliform               | CFU/100 ml | 1. 0     | 0                               | No Relaxation                                    | Quanti -Tray Method                                                                 |

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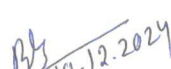
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 Technical Manager

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 Quality Manager  
 District Water Testing Laboratory  
 Authorized Signatory

**Quality Manager**  
 District Water Testing Laboratory  
 RWS&S Division, Nuapada

----- End of Report -----