

**TEST REPORT**

Government of Telangana  
 District Level Water Quality Monitoring Laboratory  
 (Mission Bhagiratha Department) Nalgonda

Report on Microbiological Analysis Report of Water (Drinking)

Sample Received from: Sri. D.Appa Rao, New Vision School.

Date of collection: 16/12/2023

Date of Receipt : 16/12/2023

Date of analysis: 18/12/2023

Date of report issue: 19/12/2023

| S.NO | Lab Ref. No | MANDAL | NAME OF GP | LOCATION OF THE SOURCE  | SOURCE TYPE | Acceptable - Permissible Limits as per BIS 10500 |                                  | REMARKS      |
|------|-------------|--------|------------|---|-------------|--|----------------------------------|--------------|
|      |             |        |            |   |             | MPN Coli form Bacteria in (100 ml)               | E.Coli form Bacteria in (100 ml) |              |
| 1    | 2397        | Kodad  | Kodad      | New Vision School, NH65, Bypass Road, Ward No.8, Kodad (V&Mdl.), Suryapet District. | Bore Well   | 0  | 0                                | Satisfactory |

Microbiologist  
 District Laboratory : Nalgonda

  
 Chemist  
 WQM (District) Laboratory  
 Nalgonda.

End of Report

**TEST REPORT**

Government of Telangana  
 District Level Water Quality Monitoring Laboratory  
 (Mission Bhagiratha Department) Nalgonda  
 Report on Chemical Analysis of Water (Drinking)  
 (General Physico-Chemical Parameters)

Sample Received From : Sri. D.Appa Rao, New Vision School.  
 Date of Collection: 16/12/2023  
 Date of Receipt :16/12/2023

Date of analysis: 18/12/2023  
 Date of report issue: 19/12/2023

| Lab Ref.No | Mandal | GP/Hab | Sample location  | Source    | pH        | TURBIDITY<br>NTU | Electrical conductivity<br>$\mu\text{S/cm}$ | Total Dissolved Solids<br>mg/lit | Total Alkalinity<br>as CaCO <sub>3</sub><br>mg/lit | Total Hardness<br>as CaCO <sub>3</sub><br>mg/lit | Chloride<br>as Cl<br>mg/lit | Fluoride<br>as F<br>mg/lit | Nitrate<br>as NO <sub>3</sub><br>mg/lit | Sulphate<br>as SO <sub>4</sub><br>mg/lit | Iron as Fe<br>mg/lit | Remarks      |
|------------|--------|--------|--|-----------|-----------|------------------|---|----------------------------------|--|--|-----------------------------|----------------------------|---|--|----------------------|--------------|
|            |        |        |  |           |           |                  |   |                                  |  |  |                             |                            |   |  |                      |              |
|            |        |        |  |           | 6.5 - 8.5 | ( 1 - 5 NTU)     | —   | 500-2000                         | 200-600  | 200-600  | 250-1000                    | 1.0-1.5                    | 45                                      | 200-400                                  | 0.3 - 1.0            |              |
| 2396       | Kodad  | Kodad  | New Vision School,<br>NH65, Bypass Road<br>, Ward No.8, Kodad<br>(V&Mdl.), Suryapet<br>District. | Bore Well | 7.36      | 0.6              | 1210  | 786                              | 340  | 364  | 163                         | 0.92                       | 12.1                                    | 62.8                                     | 0.10                 | Satisfactory |

*Teek 19/12/2023*  
 Chemist  
 WQM (District) Laboratory  
 Nalgonda.

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| Lab Ref.No                                      | Mandal | GP/Hab | Sample location   | Source    | pH        | TURBIDITY<br>NTU | Electrical conductivity<br>$\mu\text{S/cm}$ | Total Dissolved Solids<br>mg/lit | Total Alkalinity as CaCO <sub>3</sub><br>mg/lit | Total Hardness as CaCO <sub>3</sub><br>mg/lit | Chloride as Cl<br>mg/lit | Fluoride as F<br>mg/lit | Nitrate as NO <sub>3</sub><br>mg/lit | Sulphate as SO <sub>4</sub><br>mg/lit | Iron as Fe<br>mg/lit | Remarks      |
|---|--------|--------|---|-----------|-----------|------------------|---|----------------------------------|---|---|--------------------------|-------------------------|--------------------------------------|---------------------------------------|----------------------|--------------|
|   |        |        |   |           |           |                  |   |                                  |   |   |                          |                         |                                      |                                       |                      |              |
| BIS: 10500-2012 Acceptable - Permissible limits |        |        |   |           |           |                  |   |                                  |   |   |                          |                         |                                      |                                       |                      |              |
| 2396  | Kodad  | Kodad  | New Vision School, NH65, Bypass Road, Ward No.8, Kodad (V&Mdl.), Suryapet District. | Bore Well | 6.5 - 8.5 | 0.6              | 1210  | 786                              | 340   | 364   | 163                      | 0.92                    | 12.1                                 | 62.8                                  | 0.10                 | Satisfactory |

  
 P. K. Ravi  
 WQM (District) Laboratory  
 Nalgonda.

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| S.NO   | Lab Ref. No | MANDAL | NAME OF GP | LOCATION OF THE SOURCE  | SOURCE TYPE | MPN Coli form Bacteria in (100 ml)         | E. Coli form Bacteria in (100 ml)                | REMARKS      |
|--|-------------|--------|------------|---|-------------|--|--|--------------|
|  |             |        |            |   |             | Shall not be detected in any 100 ml sample | Shall not be detected in any 100 ml sample (CFU) |              |
| Acceptable - Permissible Limits as per BIS 10500 |             |        |            |   |             |  |  |              |
| 1  | 2397        | Kodad  | Kodad      | New Vision School, NH65, Bypass Road, Ward No.8, Kodad (V&Mdl.), Suryapet District. | Bore Well   | 0  | 0  | Satisfactory |

*Sy*  
 Microbiologist  
 District Laboratory : Nalgonda

*Red Chem 19/12*  
 WQM (District) Laboratory  
 Nalgonda.

End of Report