



Government of Andhra Pradesh
Water Testing Laboratory,
Rural Water Supply & Sanitation Department
O/o Deputy Executive Engineer,
RWS & S Sub-Division, Sabbavaram

TEST REPORT ON CHEMICAL ANALYSIS OF WATER(DRINKING)

General physical Chemical Parameter

Name and address of Department officials : Prathibha Vidyalam High School Sabbavaram

Test Report ID No : 1

Description of the test items: Water Sample

Date of Collection : 07.10.2025

Date of issue : 08.10.2025

| Sl.No. | Physcio-Chemical Parameters | Units | As per IS (10500 - 2012) | | Name of the location | Sample Result |
|--------|--|--------------|--------------------------------|--|----------------------|---------------|
| | | | Requirement (Acceptable Limit) | Permissible Limit (in the absence of alternative source) | | |
| 1 | Turbidity | NTU | 0 | 5 | | 0 |
| 2 | pH | | 6.5-8.5 | No relaxation | | 7.28 |
| 3 | Electrical Conductivity | micromhos/cm | - | - | | 130 |
| 4 | Total Dissolved Solids | mg/lit | 500 | 2000 | | 91 |
| 5 | Total Alkalinity as CaCO ₃ | mg/lit | 200 | 600 | | 40 |
| 6 | Total Hardness as CaCO ₃ | mg/lit | 200 | 600 | | 28 |
| 7 | Calcium as Ca ⁺⁺ | mg/lit | 75 | 200 | SCHOOL | 4.8 |
| 8 | Magnesium as Mg ⁺⁺ | mg/lit | 30 | 100 | | 3.9 |
| 9 | Flouride as F ⁻ | mg/lit | 1.0 | 1.5 | | 0.09 |
| 10 | Chloride as Cl ⁻ | mg/lit | 250 | 1000 | | 17 |
| 11 | Nitrate as NO ₃ ⁻ | mg/lit | 45 | No relaxation | | 2.3 result |
| 12 | Sulphate as SO ₄ ⁻ | mg/lit | 200 | 400 | | 0 |
| 13 | Iron as Fe | mg/lit | 0.3 | 1.0 | | 0 |

REMARKS :Above sample is Chemically Satisfactory for drinking purpose.

R. Naidu
Lab Chemist 08/10/2025
W.Q.M.Lab,
Sabbavaram

[Signature] 08/10/25
Assistant Exe Engineer,
RWS&S Sub Division,
Sabbavaram



Government of Andhra Pradesh
Water Testing Laboratory,
Rural Water Supply & Sanitation Department
O/o Deputy Executive Engineer,
SABBAVARAM

TEST REPORT ON BACTERIOLOGICAL ANALYSIS OF WATER(DRINKING)

| S.No | Date of collection | Name and address of Department officials | Positive/ Negative | No. of Coliform Bacteria /100ml | E.coli Bacteria/100 ml | Remarks |
|------|--------------------|--|-----------------------|--|------------------------|------------------------|
| 1 | 07.10.2025 | Pratibha Vidyalayam EM High School | Negative | 0 | 0 | BACTERIOLOGICALLY SAFE |

REMARKS : Above sample is Bacterillogically Safe for drinking purpose.

G. Srinivasan
Micorbiologist,
W.Q.M.Lab,
SABBAVARAM

[Signature]
ASSISTANT EXECUTIVE ENGINEER
RWS&S DEPARTMENT
SABBAVARAM