

KERALA WATER AUTHORITY
QUALITY CONTROL DISTRICT LABORATORY
KASARGOD
Report on Analysis of WATER

Date : 16/02/2021

Test Report No : 657/20-21

Name : Principal KV NO. 1, CPCRI Kasaragod 40/113

Address : Kasaragod

Date of Receipt : 08/02/2021

Date of Testing : 08/02/2021

| SI No. | Characteristics | Unit | Desirable limits as per IS 10500 : 2012 | Permissible limits | Actual Contents |
|--------|--|----------|---|--------------------|-----------------|
| | | | | | Sampling Points |
| | | | | | 1 |
| 1 | Turbidity | NTU | 1 | 5 | 1.0 |
| 2 | pH | | 6.5-8.5 | No relaxation | 6.5 |
| 3 | Electrical Conductivity | µs/cm | | | 213 |
| 4 | Acidity | mg/litre | | | 10 |
| 5 | Alkalinity | mg/litre | 200 | 600 | 86 |
| 6 | Sulphate (as SO ₄) | mg/litre | 200 | 400 | 17.1 |
| 7 | Total Dissolved Solids(TDS) | mg/litre | 500 | 2000 | 138.4 |
| 8 | Total Hardness as (CaCO ₃) | mg/litre | 200 | 600 | 70 |
| 9 | Calcium (Ca) | mg/litre | 75 | 200 | 8.02 |
| 10 | Magnesium (Mg) | mg/litre | 30 | 100 | 12.15 |
| 11 | Chloride as (Cl) | mg/litre | 250 | 1000 | 24 |
| 12 | Fluoride as (F) | mg/litre | 1 | 1.5 | NIL |
| 13 | Iron (as Fe) | mg/litre | 1.0 | 1.0 | NIL |
| 14 | Nitrate (as NO ₃) | mg/litre | 45 | No relaxation | NIL |

Sampling Points

1 Open well - (Sample brought by party)

Remarks:

Tested parameters within the limit

Signature of Chemist

BACTERIOLOGICAL ANALYSIS

| SI No. | Source | CFU of coliforms in 100ml | CFU of E.Coli |
|--------|--|---------------------------|---------------|
| 1 | Open well - (Sample brought by party) | NIL | AB |

Remarks:

Tested parameters within the limit

Signature of Bacteriologist

[Signature]
Signature of Asst. Engineer
ASSISTANT ENGINEER
 QUALITY CONTROL DISTRICT LAB
 KERALA WATER AUTHORITY
 VIDYANAGAR
 KASARAGOD - 671 123