

DIVISON LEVEL WATER TESTING LABORATORY
WATER SUPPLY AND SANITATION DIVISON, FAZILKA
ANALYSIS REPORT OF WATER SAMPLE

Sr.No 129

PARTICULARS OF SAMPLE

Date ...25-7-2019

| | | |
|----|---|------------------------------------|
| 1. | Place/ Name of Village | Comfy International Convent School |
| 2. | Block/ District | Hira Wali |
| 3. | Source | (R.O.) |
| 4. | Sealed/ UnSealed | Unsealed |
| 5. | Date and Time of Collection | 24.7.2019 |
| 6. | Depth | ----- |
| 7. | Spring Level | ----- |
| 8. | Name and Designation of the Person collecting the samples | Mis.Rishu principal |

TEST RESULTS

PHYSICAL AND CHEMICAL

| | | | BIS Desirable limit | Permissible Limit in absence of Alternate source |
|----|---|------|---------------------|--|
| 1 | Turbidity (JTU) | - | 1 | 5 |
| 2 | Colour (Units on Pt-Co Scale) | - | 5 | 15 |
| 3 | Taste and Odours (Qualitative) | - | Agreeable | Agreeable |
| 4 | PH | 7.00 | 6.5 to 8.5 | No Relaxation |
| 5 | Total Dissolved Solids(mg/l) | 98 | 500 | 2000 |
| 6 | Total Alkalinity (as CaCO ₃) mg/l | 70 | 200 | 600 |
| 7 | Total Hardness (as CaCO ₃) mg/l | 80 | 200 | 600 |
| 8 | Calcium | 20 | 75 | 200 |
| 9 | Magnesium | - | 30 | 100 |
| 10 | Carbonate | - | | |
| 11 | Non-Carbonate | - | | |
| 12 | Chlorides(as/Cl) mg/l | 60 | 250 | 1000 |
| 13 | Sulphates (as SO ₄) mg /l | - | 200 | 400 |
| 14 | Fluorides (as F) mg/l | 0.5 | 1 | 1.5 |
| 15 | Nitrate (as NO ₃) mg/l | - | 45 | No Relaxation |
| 16 | Iron (as Fe) mg/l | 0.00 | 0.3 | No Relaxation |
| 17 | Residual Chlorine (as Cl) mg/l | - | 0.2 | 1 |
| 18 | Conductivity micromhos/cm | - | | |

BACTERIOLOGICAL

1. Plate Count (Colonies/ml)
2. Coliform Organism (MPN/100 ml)

REMARKS: (in view of the above analysis)

- 1/ The water is **potable** as Tasted result
- 2 The following parameters are more then acceptable, but less then the cause for rejection limits.

Rishu
CHEMIST/HELPER
Water Supply & Sanitation,
Divison level Water Testing
Abohar Laboratory

1. Sample (s) not drawn by us unless otherwise stated.
2. Sample consumed in testing.