

**DEPARTMENT OF WATER SUPPLY & SANITATION
DISTRICT LEVEL WATER TESTING LABORATORY, MOGA**

ANALYSIS REPORT OF WATER SAMPLES

Particulars of Samples

Date of Receipt Date of Testing
30.04.2021 30.04.2021

| | |
|---|---|
| 1) Place/Name of Village | Gita Bhawan Public School Moga |
| 2) Block/District | Moga |
| 3) Source | R.O |
| 4) Date and Time of Collection | 30.04.2021 |
| 5) Depth | -- Mtr. |
| 6) Spring Level | -- Mtr. |
| 7) Name and designation of the Person collecting the sample | Mrs. Neeru Bala |

TEST RESULTS

PHYSICAL AND CHEMICAL

| | | Desirable Limit | Permissibl e Limit |
|--|------|---------------------------------|-----------------------|
| 1) Turbidity (NTU) | 0.10 | 5 | 10 |
| 2) Colour (Units on Pt-Co scale) | -- | 5 | 25 |
| 3) Taste and Odour (Qualitative) | -- | Agreeable | |
| 4) pH | 6.95 | 6.5 to 8.5 No relaxation | |
| 5) Total Alkalinity (as CaCO ₃) mg/l | 80 | 200 | 600 |
| 6) Hardness (as CaCO ₃) mg/l | | | |
| (a) Total Hardness | 40 | 200 | 600 |
| (b) Calcium | -- | 75 | 200 |
| (c) Magnesium | -- | | |
| (d) Carbonate | -- | | |
| (e) Non-Carbonate | -- | | |
| 7) Chlorides (as/Cl) mg/l | -- | 250 | 1000 |
| 8) Sulphates (as SO ₄) mg/l | -- | 200 | 400 |
| 9) Fluorides (as F) mg/l | -- | 1 | 1.5 |

Scanned with CamScanner

| | | | |
|--|------|-----|---------------|
| 10) Nitrate (as NO ₃) mg/l | -- | 45 | No relaxation |
| 11) Iron (as Fe) mg/l | -- | 0.3 | No relaxation |
| 12) Residual Chlorine (as Cl) mg/l | -- | 0.2 | -- |
| 13) Conductivity (microsiemens or TDS) | 162. | 500 | 2000 |
| BACTERIOLOGICAL | | | |
| 1) Plate Ecount (colonies/ml) | -- | -- | -- |
| 2) Caliform Organisms (MPN/100 ml) | -- | 0 | 0 |

Remark : (In view of the above analysis)

- 1) The water is potable as per the parameters tested above.
- 2) The following parameters are more than the acceptable, but less than the cause for rejection limits.

ATTESTED

Push
 CHEMIST/J.E. Incharge,
 Distt. Water Testing Laboratory,
 Water Supply & Sanitation Division,
 Moga.

1. Sample (s) not drawn by us unless otherwise stated.
2. Whole water sample consumed in testing.
3. This report is not for Legal Purpose.

Shiv
 Principal
 Gita Bhawan Public School (Regd.)
 Society, MOGA.

Mangt. Kumar
 Gen. Secretary
 Gita Bhawan Public School (Regd.)
 Society, Moga