



नगर पालिक निगम जबलपुर
जबलपुर मध्य प्रदेश

पुराने बस स्टैण्ड के पास जबलपुर, म.प्र. 482002

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Date: 23/03/2022

DRINKING WATER ANALYSIS REPORT

Client : KV No.2, GCF, Jabalpur
Address: KV No.2, GCF Estate Jabalpur
Sampled by : Clinet

Source of Sample: Drinking Water
Location/ Area: GCF, Jabalpur
Received on: 18/03/2022
Cmpeted On: 23/03/2022

PHYSICO-CHEMICAL AND MICROBIOLOGICAL ANALYSIS

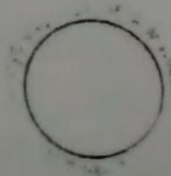
| Parameters | Unit | Sample ID 2689 | NDWQS | Test Methods |
|-------------------------------------|------------|-------------------|-------------------|--|
| Temperature | °C | 17 | - | Thermometer |
| pH | - | 7.0 | 6.5-8.5 | Electrometric Method |
| Turbidity | NTU | 6 | 5 (10) | Nephelometric Method |
| Taste | - | Non Objectionable | Non Objectionable | Organoleptic Method |
| Smell | - | Non Objectionable | Non Objectionable | Organoleptic Method |
| Total Hardness as CaCO ₃ | mg/L | 18 | 500 | EDTA Titrimetric Method |
| Chloride | mg/L | ND(<1) | 250 | Argentometric Method |
| Fluoride | mg/L | ND(<1) | 0.5-1.5 | SPADNS Method |
| Ammonia | mg/L | 0.1 | 1.5 | Phenate Method |
| Nitrate | mg/L | 5.0 | 50 | UV Spectrophotometric Screening Method |
| Phosphate | mg/L | ND(<0.05) | - | Ascorbic acide reduction method |
| Iron (Fe) | mg/L | 0.3 | 0.3 (3) | Direct Air-Acetylene Flame Method (AAS) |
| Manganese (Mn) | mg/L | ND(<0.1) | 0.2 | Direct Air-Acetylene Flame Method (AAS) |
| Total Coliform | CFU/100 ml | TNTC | 0 | Membrane Filtration |
| E. Coli | CFU/100 ml | 47 | 0 | Membrane Filtration |

NDWQS= National Drinking Water Quality Standard

References: Standard Method for the Examination of Water and Wastewater (APHA, AWWA & WEF)
ND: Not Detected (); Maximum Concentration Limit, TNTC- Too Numerous to Count (,200)

Remarks: Among the tested physico-chemical parameters, pH, Turbidity and Iron content meet the NDWQS value at the time of analysis.
Bacteriologically, the provided water sample is found to be free from ontamination with Total Coliform and E.Coli at the time of analysis.

Checked by



Authorized Signature