# Public Health Engineering Department District Water- Testing Laboratory Gwalior

## Test Report

| | |
|---|---|
| Type of sample: Water Sample | Particular of sample : collected / not collected by PHED |
| Particular of sender:- Govt. Gyanoday School Hurawali Morar Gwalior (M.P.) | |

| Sample No. | Place of Collection and Details of Sample | Date of collection |
|---|---|---|
| 1 | Drinking Water | 09.09.2026 |
| 2 | - | - |
| 3 | - | - |
| 4 | - | - |

| | |
|---|---|
| Particular of Sample : | |
| Date of Receipt: 09.09.2026 | Time of Receipt: 04:10 PM |
| Lab Reference No: | Date of Analysis: 10.09.2026 |

Nature of Study – Chemical and Bacteriological Analysis

| S.N. | Characteristics | Unit | As Per BIS-10500-2012 For Drinking Water | | RESULT | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Acceptable Value | Permissible limit in the absence of alternate source | | | | |
| PHYSICAL TEST | | | | | Sample 1 | Sample 2 | Sample 3 | Sample 4 |
| 1 | Turbidity | NTU | 1.0 | 5.0 | 1.6 | - | - | - |
| 2 | Color | Cobalt | 5 | 15 | - | - | - | - |
| 3 | Taste & Odour | | Unobjectionable | Objectionable | Unobjectionable | - | - | - |
| 4 | Temperature | C° | - | - | - | - | - | - |
| CHEMICAL TEST | | | | | | | | |
| 5 | PH Value | PH Scale | 6.5 To 8.5 | No Relaxation | 7.5 | - | - | - |
| 6 | Alkalinity | Mg/L | 200 | 600 | 92 | - | - | - |
| 7 | Chlorides (as Cl) | Mg/L | 250 | 1000 | 52 | - | - | - |
| 8 | Nitrate as No3 | Mg/L | 45 | 45 | 04 | - | - | - |
| 9 | Total hardness | Mg/L | 200 | 600 | 122 | - | - | - |
| 10 | Calcium as Ca | Mg/L | 75 | 200 | 32 | - | - | - |
| 11 | Magnesium as mg | Mg/L | 30 | 100 | 10 | - | - | - |
| 12 | Iron | Mg/L | 0.3 | 1.0 | 0.10 | - | - | - |
| 13 | Free Chlorine | Mg/L | 0.2 | 1.0 | 0.0 | - | - | - |
| 14 | T.D.S. | Mg/L | 500 | 2000 | 227 | - | - | - |
| 15 | Fluoride | Mg/L | 1.0 | 1.5 | 0.12 | - | - | - |
| 16 | Sulphate sa SO4 | Mg/L | 200 | 400 | 05 | - | - | - |
| BECT. FEACAL TEST | | | | | | | | |
| 17 | MPN of coliform | per 100 ml | Nil | | Nil | - | - | - |
| 18 | Faecal Coliform | Per 100 ml | Nil | | Nil | - | - | - |

- This report should not be provided partially or fully without approval of signatory authorities for legal purposes.
- It is Recommended that acceptable limit is to be implemented values in excess those mentioned under " Acceptable" render the water not suitable, but still may be tolerated in the absence of an alternative source, but up to the limits indicated under the "permissible limit in the absence of alternate Source"
- The results refer only to TEST samples and parameters TEST.
- Samples will be stored for a period of 10 days from the date of issue of report.
- This Lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification.

Signature of Analyst
District Lab Gwalior

District Water Testing Lab
P.H.E. Division Gwalior

Lab In charge
P.H.E.D. Division Gwalior (M.P.)

Lab Incharge
District Water Testing Laboratory
P.H.E. Division, Gwalior (M.P

No. 457 /PHED/ Date :- 14/09/2026

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------End of Report------