

# Maharashtra State Public Health Services

## District Public Health Laboratory, Solapur

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### Bacteriological Report of Water Sample

| To                                   |                                                           | PRINCIPAL, MAEER'S MIT PUNE's Vishwashanti Gurukul School Kegaon, Solapur-413255. |                          |                   |         |
|--------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------|-------------------|---------|
| Letter number and date of the sender |                                                           | MAEER'S/VGS/SOL/25                                                                |                          | Date - 02/12/2025 |         |
| Laboratory reference No.             |                                                           | 3                                                                                 |                          |                   |         |
| Date of Sampling                     |                                                           | 12/03/2025                                                                        |                          |                   |         |
| Date of Sample received              |                                                           | 12/03/2025                                                                        |                          |                   |         |
| Date of commencing examination       |                                                           | 12/03/2025                                                                        |                          |                   |         |
| Sr.No.                               | Particular of Water samples                               | Result of Analysis                                                                |                          |                   | Remark  |
|                                      |                                                           | Most Probable Number per 100 ml.                                                  |                          |                   |         |
|                                      |                                                           | Coliforms                                                                         | Thermotolerant coliforms | E.coli            |         |
| 1                                    | Filter Water, Vishwashanti Gurukul School Kegaon, Solapur | 0                                                                                 | 0                        | 0                 | Potable |

**Feedback :-** Non potable drinking water can only be used for drinking purpose only after proper treatment of chlorine and ensuring appropriateness after bacteriological inspection.

Out ward No. 2123

Date - 06/12/25

It is assumed that the said water sample is representative.

  
F. Jr. Scientific Officer  
Dist. Pub. Health Lab Solapur

# District Public Health Laboratory, Solapur

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## REPORT ON CHEMICAL EXAMINATION OF WATER FOR DRINKING PURPOSES

Date of Collection- --- Date of Receipt - 03.12.2025 Date of Examination 03.12.2025 Onwards

(All the Analytical Results are in mgs. / liter except pH & Turbidity) Lab ref no. P-97

| SR. NO | TEST PARAMETER                         | MAEERS Vishwashanti Gurukul School Solapur Filter water | BIS Specifications 10500 : 2012 Normal Values |                    |
|--------|----------------------------------------|---------------------------------------------------------|-----------------------------------------------|--------------------|
|        |                                        |                                                         | Desirable Limits                              | Permissible Limits |
| 1      | Physical Observations                  | Clear colourless                                        | Not objectionable                             | --                 |
| 2      | Odour                                  | Agreeable                                               | Agreeable                                     | Agreeable          |
| 3      | Turbidity (N.T.U.)                     | 0.03                                                    | 1.0                                           | 5.0                |
| 4      | pH Value                               | 7.1                                                     | 6.5 to 8.5                                    | No Relaxation      |
| 5      | Chlorides (as Cl)                      | 8.0                                                     | 250                                           | 1000               |
| 6      | Nitrates (as NO <sub>3</sub> )         | 0.0                                                     | 45                                            | No Relaxation      |
| 7      | Total Hardness (as CaCO <sub>3</sub> ) | 20.0                                                    | 200                                           | 600                |
| 8      | Alkalinity (as CaCO <sub>3</sub> )     | 18.0                                                    | 200                                           | 600                |
| 9      | Total Dissolved Solids                 | 38.0                                                    | 500                                           | 2000               |
| 10     | Iron (as Fe)                           | ND                                                      | 1.0                                           | No relaxation      |
| 11     | Fluoride (as F)                        | 0.099                                                   | 1.0                                           | 1.5                |

- ◆ This Report is restricted only for the sample/s submitted to this laboratory.
- ◆ It is presumed that the representative sample from the source is sent for analysis.

### REMARKS :- ( For Potability )

Sample No. 1 are chemically fit/potable for drinking purposes on the basis of analyzed parameters only. However, these water source(s) can be used for drinking purposes only after proper disinfection and ascertaining it's bacteriological quality frequently & regularly.

HEALTH SERVICES

NO DPHL/SUR/CHEM./ 2149 /2025

Date: - 12/12/25

Forwarded With Compliments To: - Principal,

MAEERS MIT PUNES

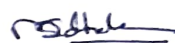
Vishwashanti Gurukul School Kegaon, Solapur

Fess Rs-600/-

Receipt no and Date-4179718/ 03.12.2025

With reference to letter no.- MAEERS/GS/SOL/2025

Dated - 02.12.2025

  
Jr. Scientific Officer  
Dist. Pub. Health Lab. Solapur  
for