



AN ISO 9001 : 2015

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## TEST REPORT

A.P. Govt Regd No :88/2010

Report no: 8040 07 22  
Reporting Date: 29/07/22  
Collected On: 27/07/22  
Received on: 28/07/22  
Sample Particulars: R O WATER

Issued to  
M/s. VYBHAVI MPL

### PHYSICAL PARAMETERS / UNITS

| S. No. | PARAMETERS / UNITS                   | RESULT    | IS: 14543:2016<br>PACKAGED<br>DRINKING WATER<br>DESIRABLE<br>LIMITS | DRINKING<br>WATER<br>SPECIFICATION<br>IS 10500: 2012<br>REQUIREMENT<br>(ACCEPTABLE<br>LIMIT | TEST<br>METHOD |
|--------|--------------------------------------|-----------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------|
| 1      | Color (Hazen Units)                  | < 2       | 2                                                                   | 5                                                                                           | 3025 (part 4)  |
| 2      | Odour (agreeable/not agreeable)      | Agreeable | AGREEABLE                                                           | AGREEABLE                                                                                   | 3025 (part 5)  |
| 3      | Taste (agreeable/not agreeable)      | Agreeable | AGREEABLE                                                           | AGREEABLE                                                                                   | 3025 (part 8)  |
| 4      | Turbidity (NTU)                      | Nil       | 2                                                                   | 1                                                                                           | 3025 (part 10) |
| 5      | pH                                   | 6.02      | 6.0 to 8.5                                                          | 6.5 to 8.5                                                                                  | 3025 (part 11) |
| 6      | Electrical Conductivity (micro mhos) | 84        | -----                                                               | -----                                                                                       | 3025 (part 14) |
| 7      | Total Dissolved Solids (mg/l)        | 46        | 500                                                                 | 500                                                                                         | 3025 (part 15) |

### CHEMICAL PARAMETERS/UNITS

|    |                                                           |         |       |       |                      |
|----|-----------------------------------------------------------|---------|-------|-------|----------------------|
| 1  | Alkalinity to Phenolphthalein as CaCO <sub>3</sub> (mg/l) | Nil     | ----- | ----- | 3025 (part 23)       |
| 2  | Alkalinity to Methyl orange as CaCO <sub>3</sub> (mg/l)   | 24      | 200   | 200   | 3025 (part 23)       |
| 3  | Total Hardness as CaCO <sub>3</sub> (mg/l)                | 12      | ..... | 200   | 3025 (part 21)       |
| 4  | Calcium as Ca [as CaCO <sub>3</sub> ] (mg/l)              | 1.6 [4] | 75    | 75    | 3025 (part 40)       |
| 5  | Magnesium as Mg [as MgCO <sub>3</sub> ] (mg/l)            | 1.9 [8] | 30    | 30    | 3025 (part 46)       |
| 6  | Chloride as Cl (mg/l)                                     | 8.5     | 200   | 250   | 3025 (part 32)       |
| 7  | Sulphate as SO <sub>4</sub> (mg/l)                        | 1.8     | 200   | 200   | 3025 (part 24)       |
| 8  | Nitrite as NO <sub>2</sub> (mg/l)                         | 0.09    | 0.02  | ----- | 3025 (part 34)       |
| 9  | Ammonical Nitrogen                                        | NIL     | ----- | 0.5   | .....                |
| 10 | Fluoride as F (mg/l)                                      | 0.1     | 1.0   | 1.0   | Clause 23 of IS 3025 |
| 11 | Residual free chlorine (mg/l)                             | Nil     | 0.2   | 0.2   | 3025 (part 26)       |
| 12 | Iron as (Fe) (mg/l)                                       | 0.02    | 0.1   | 0.3   | 3025 (part 53)       |
| 13 | Silica as (SiO <sub>2</sub> ) (mg/l)                      | 1.1     | ..... | ..... | APHA (Part-425 C)    |

**NOTE:** Sample is not drawn by KESHAV RAMTA Labs.

Note : The results relate(s) only to the sample tested



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Lab In-charge