



Office of the Junior Chemist  
Public Health Engineering Department, Rajasthan  
District Laboratory, Sikar

Report of the Chemical Examination of Water

No.Lab./Tech.(chem)/2022-23/60/ 58

Date : 26/04/2022

To  
SECRETORY  
PRINCE PUBLIC SCHOOL SANSTHA,  
PALWAS ROAD, SIKAR  
Reference No : 14, Dated : 19/04/2022  
Receipt Date : 19/04/2022  
Date of Collection : 19/04/2022

District : SIKAR  
Sample No. : 60  
Source : R.O. Unit  
Location : PRINCE UCH MADHAYAMIK  
VIDYALAYA PALWAS ROAD SIKAR

| Test Name                              | Desirable Limit | Permissible Limit in absence | Test Result |
|--|-----------------|------------------------------|-------------|
| pH                                     | 6.5 to 8.5      | No relaxation                | 7.7         |
| Turbidity(NTU)                         | 1               | 5                            | Clear       |
| Colour                                 | 5               | 15                           | Colourless  |
| Odour                                  | Agreeable       | Agreeable                    | Smell less  |
| Temperature                            | ----            | ----                         | 25          |
| Total Alkalinity                       | 200             | 600                          | 30          |
| Total Hardness (as CaCO <sub>3</sub> ) | 200             | 600                          | 30          |
| Calcium (as Ca)                        | 75              | 200                          | 8           |
| Magnesium (as Mg)                      | 30              | 100                          | 2.44        |
| Chloride(as Cl)                        | 250             | 1000                         | 20          |
| Sulphate(as SO <sub>4</sub> )          | 200             | 400                          | 3           |
| Nitrate as(NO <sub>3</sub> )           | 45              | 45                           | 8           |
| Fluoride                               | 1.0             | 1.5                          | 0.27        |
| Total Dissolved Solids                 | 500             | 2000                         | 98          |
| Iron                                   | 1.0             | No Relaxation                | ---         |
| Residual Chlorine                      | 0.2             | 1.0                          | 0           |

Remark:

No.Lab./Tech.(chem)/2022-23/60

Copy To:

1. Chief Chemist, State Laboratory Gandhi Nagar, Jaipur

26/4/22  
Junior Chemist  
PHED Laboratory, Sikar  
**(K.S. MEENA)**  
**JUNIOR CHEMIST**  
**PHED, LAB., SIKAR**

Junior Chemist  
PHED Laboratory, Sikar