



**PUBLIC HEALTH ENGINEERING DEPARTMENT  
WATER TESTING LABORATORY  
CHARKHI DADRI (HR)**



PHEDCKD 7.8 F01

**Test Report**

Test Report No. : RN-051/10/2023 Issue Date :  
Issued To : ANOOP SINGH  
Customer Reference No. : SPL03-10/2023 Dated : 12.10.2023  
Sample Description : TUBEWELL IN SCHOOL PREMISES- CDD/02071/10/2023  
Sample Type : Water  
Sample Collected on dated : 12.10.2023  
Sample submitted by : ANOOP SINGH  
Sample received on dated : 12.10.2023  
Sample Location : VAISH INTERNATIONAL SCHOOL, DEVSAR CHUNGI, NEAR RAILWAY OVERBRIDGE, BHIWANI  
Sample Quantity : 1 Litre(PVC BOTTLE)  
Date of Analysis started : 12.10.2023  
Date of Analysis completed : 12.10.2023



**RESULTS**

| S. No. | Parameter                                | Protocol Used                            | Results | IS:10500:2012 (RA-2018) |  | Unit |
|--------|--|--|---------|-------------------------|--|------|
|        |  |  |         | Desirable Limit         | Max. Permissible Limit (In absence of better alternate source) |      |
| 9      | Total Hardness(as CaCO <sub>3</sub> )    | APHA 23rd edition 2340 C                 | 260     | 200                     | 600  | mg/L |
| 10     | Calcium (as Ca)                          | APHA 23rd edition 3500-Ca B              | 40.08   | 75                      | 200  | mg/L |
| 11     | Magnesium (as Mg)                        | APHA 23rd edition 3500 Mg B              | 38.88   | 30                      | 100  | mg/L |
| 12     | Chloride (as Cl)                         | APHA 23rd edition 4500 Cl B              | 120.45  | 250                     | 1000   | mg/L |
| 13     | Total alkalinity (as CaCO <sub>3</sub> ) | APHA 23rd edition 2320 B                 | 260     | 200                     | 600  | mg/L |
| 14     | pH @ 25 °C                               | APHA 23rd edition 4500-H B               | 7.5     | 6.5 to 8.5              | No relaxation  | pH   |
| 15     | Nitrate                                  | APHA 23rd edition 4500 NO <sub>3</sub> D | 9.4     | 45                      | 45   | mg/L |
| 16     | Fluoride                                 | APHA 23rd edition 4500 F C               | 0.06    | 1                       | 1.5  | mg/L |

Opinion: The Parameter tested at Sr. No 1-16 in the test report meets the requirement of IS 10500:2012 (RA-2018). The above water sample of sample description TUBEWELL IN SCHOOL PREMISES- CDD/02071/10/2023 is chemically fit on the above parameters.

**Notes:**

- 1 The results given above are related to the sample as received and tested in PHED Lab, Ch. Dadri. Reliability of sample lies with the sender.
- 2 The test report can't be regenerated/re-produced in whole or in part without permission of Laboratory.
- 3 The test report can't be used for any publicity or any legal purpose.
- 4 The test sample meant for chemical analysis will be disposed off after 15 days from the date of issue of test report unless specifically requested by the customer for retaining over a long period.

Sample Analyzed By: PARGATI

Authorized Signatory/ Incharge/ QM

End Of Test Report



**PUBLIC HEALTH ENGINEERING DEPARTMENT**  
**WATER TESTING LABORATORY**  
**CHARKHI DADRI (HR)**



**Test Report**

Test Report No. : RN04/10/2023 Issue Date : 16/10/2023  
Issued To : ANOOP SINGH Contact No. : 9050866407  
Customer Reference No. : SPL03-10/2023 Dated : 12.10.2023  
Sample Description : TUBEWELL IN SCHOOL PREMISES- CDD/02071/10/2023  
Sample Type : Water  
Sample Collected on dated : 12.10.2023  
Sample submitted by : ANOOP SINGH  
Sample received on dated : 12.10.2023  
Sample Location : VAISH INTERNATIONAL SCHOOL, DEVSAR CHUNGI, NEAR RAILWAY OVERBRIDGE, BHIWANI  
Sample Quantity : 1 Litre (PVC BOTTLE)  
Date of Analysis started : 12.10.2023  
Date of Analysis completed : 12.10.2023

| RESULTS |                        |           |                         |  |       |
|---------|------------------------|-----------|-------------------------|--|-------|
| Sl. No. | Parameter              | Results   | IS:10500:2012 (RA-2016) |  | Unit  |
|         |                        |           | Desirable Limit         | Max. Permissible Limit (In absence of better alternate source) |       |
| 1       | Total Dissolved Solid  | 583       | 500                     | 2000   | mg/l. |
| 2       | Iron                   | 0.1       | 1                       | 1  | mg/L  |
| 3       | Sulphate               | 21        | 200                     | 400  | mg/L  |
| 4       | Free Residual Chlorine | 0         | 0.2                     | 2  | mg/L  |
| 5       | Turbidity              | 1.06      | 1                       | 5  | NTU   |
| 6       | Colour                 | 0.5       | 5                       | 15   | Hazen |
| 7       | Taste                  | AGREEABLE | Agreeable               | Agreeable  | -     |
| 8       | Odour                  | AGREEABLE | Agreeable               | Agreeable  | -     |

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