# OFFICE OF THE SENIOR CHEMIST
# PUBLIC HEALTH ENGINEERING DEPARTMENT LABORATORY,ALWAR

Lab/Tech/(Private)/2026-27/ 154 Dated : 15/06/26

## EXAMINATION REPORT OF THE PRIVATE WATER SAMPLES

*Issued To,*

**TAKSHILA PUBLIC SCHOOL**
**Village-Hamjapur**
**Behror**

District: **Alwar**
Block/City: **Behror**

| | | | | | |
|---|---|---|---|---|---|
| Ref_ID : | **24** | **Lab Sample No. :** | **24** | | |
| Reference :Your Letter No.: | 0 | Source : | Treated | | |
| Reference Dated : | 10.06.26 | Source Location : | TAKSHILA PUBLIC SCHOOL | | |
| Date of Receipt : | 10.06.26 | Habitation/Ward No. : | Hamjapur | | |
| Name of Sample Taker : | Mr.Naveen | Village/Colony/Town : | Hamjapur | | |
| Desig. of Sample Taker : | 0 | Gram Panchayat/City Area : | Hamjapur | | |
| GA-55 Book No. : | 019774 | Date of Collection : | 10.06.26 | | |
| GA-55 Receipt No. : | 0077 | Date of Examination : | 10.06.26 | | |
| Amount in Rs. : | 297.00 | Amount Deposited for : | Chem/Bact | Testing of Water Sample | |

| | Test Parameters | *IS-10500:2012* Requirement (Acceptable Limit) | Permissible limit in the absence of alternative sources | Test Values of Samples | | |
|---|---|---|---|---|---|---|
| 1 | pH | 6.5 to 8.5 | No Relaxation | 7.1 | | |
| 2 | Turbidity(NTU) | 5 | 15 | Clear | | |
| 3 | Colour (Hazen Unit) | 1 | 5 | None | | |
| 4 | Odour | Unobjectionable | - | None | | |
| 5 | Total Alkalinity (as $CaCO_3$) mg/L | 200 | 600 | 30 | | |
| 6 | Total Hardness (as $CaCO_3$) mg/L | 300 | 600 | 80 | | |
| 7 | Calcium (as Ca++) mg/L | 75 | 200 | | | |
| 8 | Magnesium (as Mg++) mg/L | 30 | 100 | | | |
| 9 | Chloride (as $Cl^-$) mg/L | 600 | 1000 | 20 | | |
| 10 | Sulphate (as $SO_4^{-2}$) mg/L | 200 | 400 | 0 | | |
| 11 | Nitrates (as $NO_3^-$) mg/L | 45 | No Relaxation | 4 | | |
| 12 | Fluoride (as $F^-$) mg/L | 1.00 | 1.50 | 0.28 | | |
| 13 | Total Dissolved Solids (TDS) mg/L | 500 | 2000 | 168 | | |
| 14 | Residual Chlorine (mg/L) | 0.20 | 1.00 | - | | |
| 15 | Total Coli Form/100 ml. | NIL/100 ml. | NIL/100 ml. | 0 | | |
| 16 | E-Coli/ 100 ml. | NIL/100 ml. | NIL/100 ml. | - | | |

Senior Chemist
PHED, Lab, Alwar
Dated:

Lab/Tech/(Private)/2026-27/
**Copy to:**
1 The Chief Chemist, Public Health Engineering Department, Rajasthan, Jaipur.
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(1) The sample was not collected by this Laboratory.
(2) Not valid for water quality legal cases.

Senior Chemist

*Safe Water is Life* *Save Water Save Life*

Principal
Takshila Public School
Hamjapur (Behror) Kotputli-E
CBSE Affi. No. 1730528