# PUBLIC HEALTH ENGINEERING DEPARTMENT

## DISTRICT WATER TESTING LABORATORY ,HISAR

Website :- https://phedharyana.gov.in/

Memo No:- **1474** Date:- **13/08/2024**

**Subject : Physical / Chemical Examination Report of Water Sample**

HG-556

| | |
|---|---|
| Sample ID/Classification : | HSR/04512/8/2024 / Private |
| Sender : | ST. SOPHIA SR. SEC. SCHOOL |
| Location : | , SECTOR 15A, HISAR |
| Sample Description : | Drinking Water |
| Latitute / Longitude : | 75.717465 / 29.134389 |

| Sample Details | Date & Time |
|---|---|
| Collected By | SUMIT |
| Collection Date | 08/08/2024 at 11:57 |
| Received at lab | 08/08/2024 at 12:12 |
| Analysis Start Date | 08/08/2024 |
| Analysis End Date | 13/08/2024 |
| Sample Quantity | 2 Ltr. |

**Test Result (As Per BIS 10500 :2012)**

| S.No. | Tested Parameter | Result | Requirement (Acceptable Limit) | Permissible Lmt. (In the Absence of Alternate Source) | Protocol Used |
|---|---|---|---|---|---|
| 1 | Total Dissolved Solids @ 180°c ± 2°c | 137.5 | 500 mg/lt. | 2000 mg/lt. | APHA 24th Edition -2540 C |
| 2 | Total Hardness as CaCo3 | 126.4 | 200 mg/lt. | 600 mg/lt. | APHA 24th Edition -2340 C |
| 3 | Calcium as Ca | 25.81 | 75 mg/lt. | 200 mg/lt. | APHA 24th Edition-3500-Ca B |
| 4 | Magnesium as Mg | 15.06 | 30 mg/lt. | 100 mg/lt. | APHA 24th Edition -3500 Mg B |
| 5 | Iron as Fe | 0.01 | 1.0 mg/lt. | 1.0 mg/lt. | USEPA |
| 6 | Chloride as Cl | 34.03 | 250 mg/lt. | 1000 mg/lt. | APHA 24th Edition -4500 Cl-B |
| 7 | Sulphate as So4 | 26 | 200 mg/lt. | 400 mg/lt. | USEPA / APHA 24th -4500 SO4-E |
| 8 | Fluoride as F | 0.129 | 1.0 mg/lt. | 1.5 mg/lt. | APHA 24th Edition-4500F C/ |
| 9 | Nitrate as No3 | 0.78 | 45 mg/lt. | 45 mg/lt. | APHA 24th Edition -4500 NO3 D |
| 10 | pH @ 25°c | 6.71 | 6.5 - 8.5 | 6.5 - 8.5 | APHA 24th Edition 4500-H+ B |
| 11 | Total Alkalinity | 40 | 200 mg/lt. | 600 mg/lt. | APHA 24th Edition -2320 B |

**Remarks :-**

* The Results Given above are related to the sample as received and tested in PHED HISAR Lab.
* The test report can't be regenerated in whole or part there of without written permission of Competent Authority.
* The test report can't be used for any publicity or any legal purpose.
* Reliability of water sample sample lies with sender/collector of water sample.
* To check the sample report online Scan the QR Code below.
* The test samples meant for chemical analysis will be disposed off after 7 days from the data of issue of test report unless untill specifically requested by the customer for retaining over a longer period.

Water Sample has been found **"CONFORMING"** to Limits set in BIS10500:2012 for the tested parameters.

Sample analyzed by :

RAJEEV KUMAR ,CHEMIST
DISTRICT WATER TESTING LABORATORY,HISAR
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**O/o Civil Surgeon , Hisar**
Mail-Id:- dhs.cshsr@hry.nic.in

Letter No. HSR/DHO/HI/2024/ 316 Dated: 27/12/24

# OFFICE OF CIVIL SURGEON HISAR

## Hygienic and Sanitation certificate

Certified that the condition of the building of **St. Sophia Sr. Sec. School Sec. 15-A, Hisar** with regards to the Sanitation and Hygienic condition is satisfactory for the one year w.e.f date of issuing.

**Dy Civil Surgeon(Health)**

**For Civil Surgeon, Hisar**

27-12-2024