



OFFICE OF CIVIL SURGEON
KARNAL-132001



Ph. No. 0184-2267796, 2267569 Email: dhs.esknl@hry.nic.in

NO OBJECTION CERTIFICATE

Certify that the premises of S.D. Model Sr. Sec. School
Railway Road, Karnal. has been
inspected. The campus of the institute has been found satisfactory from
Sanitation & Hygienic point of view. This certificate is valid for one
year from the date of issue.

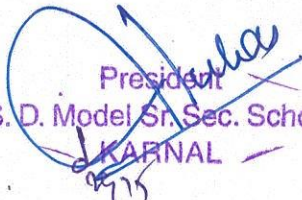
-Sd-
Dy. Civil Surgeon (Health)
Karnal


No. GH/SSI/2024/530

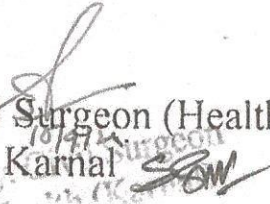
Date:- 16-9-24

A copy is forwarded to for information and necessary
action.

Principal S.D. Model Sr. Sec. School Karnal


President
S. D. Model Sr. Sec. School
KARNAL
29/9/24


Principal
S.D. Model Sr. Sec. School
KARNAL
29/09/2024


Dy. Civil Surgeon (Health)
Karnal

Memo No:- 8817

Date:- 06/11/2024

Subject : Physical / Chemical Examination Report of Water Sample

| Sample ID/Classification : KNL/09226/11/2024 / Private | | Sample Details | Date & Time |
|--|-----------------------------------|---------------------|---------------------|
| Sender : | Principal S.D.Model Sr.Sec.School | Collected By | Staff |
| Location : | , Railway Road,Karnal | Collection Date | 05/11/2024 at 16:09 |
| Sample Description : | Drinking Water | Received at lab | 05/11/2024 at 16:40 |
| Latitude / Longitude : | 76.976412 / 29.689208 | Analysis Start Date | 05/11/2024 |
| | | Analysis End Date | 06/11/2024 |
| | | Sample Quantity | 1000ML |

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 | 410 | 500 mg/lit. | 2000 mg/lit. | IS 3025 (Part-16) : 2023 |
| 2 | Total Hardness as CaCo3 | 210 | 200 mg/lit. | 600 mg/lit. | IS 3025 (Part-21) : 2009 (RA 2023) |
| 3 | Calcium as Ca | 44 | 75 mg/lit. | 200 mg/lit. | IS 3025 (Part-40) : 1991 (RA 2023) |
| 4 | Magnesium as Mg | 24 | 30 mg/lit. | 100 mg/lit. | IS 3025 (Part-46) : 2023 |
| 5 | Iron as Fe | 0.01 | 1.0 mg/lit. | 1.0 mg/lit. | USEPA-8008:2017 |
| 6 | Chloride as Cl | 60 | 250 mg/lit. | 1000 mg/lit. | IS 3025 (Part-32) : 1988 (RA 2019) |
| 7 | Sulphate as So4 | 20 | 200 mg/lit. | 400 mg/lit. | USEPA-8051:2017 |
| 8 | Fluoride as F | 0.440 | 1.0 mg/lit. | 1.5 mg/lit. | APHA 24th Edition-4500F C |
| 9 | Nitrate as No3 | 2.1 | 45 mg/lit. | 45 mg/lit. | APHA 24th Edition -4500 NO3 D |
| 10 | pH @ 25°C | 7.50 | 6.5 - 8.5 | 6.5 - 8.5 | IS 3025 (Part-11) : 2022 |
| 11 | Total Alkalinity | 240 | 200 mg/lit. | 600 mg/lit. | IS 3025 (Part-23) : 1986 (RA 2019) |
| 12 | Color | <5 | 5 Hazen Units | 15 Hazen Units | IS 3025 (Part 4): 2021 |
| 13 | Odour | Agreeable | Agreeable | Agreeable | IS 3025 (Part-5) :1984 (RA 2018) |
| 14 | Taste | Agreeable | Agreeable | Agreeable | IS 3025 (Part-8) :1984 (RA 2022) |
| 15 | Turbidity | <1 | 1 NTU | 5 NTU | IS 3025 (Part-10):1984 (RA 2022) |

Remarks :-

- * The Results Given above are related to the sample as received and tested in PHED KARNAL 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 until specifically requested by the customer for retaining over a longer period.



Sample analyzed by :

(Signature)
AMIT KUMAR, CHIEF CHEMIST 06/11/24
STATE WATER TESTING LABORATORY KARNAL
email:- chiefchemist.hr@phedharyana.gov.in

(Signature)
President
S. D. Model Sr. Sec. School
KARNAL
2/11/24

(Signature)
Principal
S.D. Model Sr. Sec. School
KARNAL
29/10/2024