



# कार्यालय सिविल सर्जन

करनाल-132001

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No.SHC/KNL/2025/504

Date:- 14/5/25

## NO OBJECTION CERTIFICATE

Certify that the premises of The Manav Vikas World School, Nilokheri Karnal has been inspected on dated 12.05.2025. The campus of the Institute has been found satisfactory from Sanitation & Hygiene point of view. This certificate is valid for one year from the date of issue.

Dy. Civil Surgeon (School Health)  
Karnal

Memo No:- 1406

Date:- 05/05/2023

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

|                            |                                          |                     |                     |
|----------------------------|------------------------------------------|---------------------|---------------------|
| Sample ID/Classification : | KNL/00694/5/2023 / Private               | Sample Details      | Date & Time         |
| Sender :                   | PRINCIPAL MANAV VIKAS WORLD SCHOOL 20660 | Collected By        |                     |
| Location :                 | , NILOKHERI KARNAL                       | Collection Date     | 05/05/2023 at 12:15 |
| Sample Description :       | Drinking Water                           | Received at lab     | 05/05/2023 at 12:19 |
| Latitude / Longitude :     | 76.980535 / 29.689245                    | Analysis Start Date | 05/05/2023          |
|                            |                                          | Analysis End Date   | 05/05/2023          |
|                            |                                          | Sample Quantity     | 1000ML              |

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

| S.No. | Tested Parameter                     | Result    | Requirement (Acceptable Limit) | Permissible Limit (In the Absence of Alternate Source) | Protocol Used                      |
|-------|--------------------------------------|-----------|--------------------------------|--------------------------------------------------------|------------------------------------|
| 1     | Total Dissolved Solids @ 180°C ± 2°C | 460       | 500 mg/lit.                    | 2000 mg/lit.                                           | IS 3025 (Part-16) : 1984 (RA 2017) |
| 2     | Total Hardness as CaCO <sub>3</sub>  | 320       | 200 mg/lit.                    | 600 mg/lit.                                            | IS 3025 (Part-21) : 2009 (RA 2019) |
| 3     | Calcium as Ca                        | 48        | 75 mg/lit.                     | 200 mg/lit.                                            | IS 3025 (Part-40) : 1991 (RA 2019) |
| 4     | Magnesium as Mg                      | 48        | 30 mg/lit.                     | 100 mg/lit.                                            | IS 3025 (Part-46) : 1994 (RA 2019) |
| 5     | Iron as Fe                           | 0.02      | 1.0 mg/lit.                    | 1.0 mg/lit.                                            | USEPA-8008:2017                    |
| 6     | Chloride as Cl                       | 43        | 250 mg/lit.                    | 1000 mg/lit.                                           | IS 3025 (Part-32) : 1988 (RA 2019) |
| 7     | Sulphate as So <sub>4</sub>          | 30        | 200 mg/lit.                    | 400 mg/lit.                                            | USEPA-8051:2017                    |
| 8     | Fluoride as F                        | 0.380     | 1.0 mg/lit.                    | 1.5 mg/lit.                                            | APHA 4500-F-C                      |
| 9     | Nitrate as NO <sub>3</sub>           | 3.4       | 45 mg/lit.                     | 45 mg/lit.                                             | APHA 4500-NO <sub>3</sub> - D      |
| 10    | pH @ 25°C                            | 7.42      | 6.5 - 8.5                      | 6.5 - 8.5                                              | IS 3025 (Part-11) : 1983 (RA 2017) |
| 11    | Total Alkalinity                     | 350       | 200 mg/lit.                    | 600 mg/lit.                                            | IS 3025 (Part-23) : 1986 (RA 2019) |
| 12    | Color                                | < 5.0     | 5 Hazen Units                  | 15 Hazen Units                                         | IS 3025 (Part-4) : 1983 (RA 2017)  |
| 13    | Odour                                | Agreeable | Agreeable                      | Agreeable                                              | IS 3025 (Part-5) : 1984 (RA 2018)  |
| 14    | Taste                                | Agreeable | Agreeable                      | Agreeable                                              | IS 3025 (Part-8) : 1984 (RA 2017)  |
| 15    | Turbidity                            | <1.0      | 1 NTU                          | 5 NTU                                                  | IS 3025 (Part-10):1984 (RA 2017)   |

**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.
- The test report can't be used for any publicity or any legal purpose.
- Reliability of water 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 15 (days) from the date of issue of report unless specifically requested by the customer for retaining over a longer period.

*Parameters tested above found to be in conforming limits of relevant code.*

END OF TEST REPORT

Principal, Manav Vikas World School

President

Manav Vikas World School  
Niloheri (Karnal)

