



OFFICE OF CIVIL SURGEON
KARNAL-132001



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NO OBJECTION CERTIFICATE

Certify that the premises of S.D. Model Sr. Jee. 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/2023/ 530

Date:- 16.9.24

A copy is forwarded to for information and necessary action.

Principal S.D. Model Sr. Jee School Karnal

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)

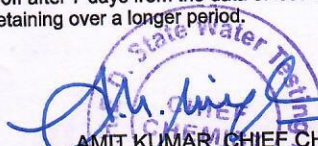
S.No.	Tested Parameter	Result	Requirement (Acceptable Limit)	Permissible Lmt. (In the Absence of Alternate Source)	Protocol Used
1	Total Dissolved Solids @ 180°C ± 2°C	410	500 mg/lit.	2000 mg/lit.	IS 3025 (Part-16) : 2023
2	Total Hardness as CaCO ₃	210	200 mg/lit.	600 mg/lit.	IS 3025 (Part-21) : 2009 (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 SO ₄	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 NO ₃	2.1	45 mg/lit.	45 mg/lit.	APHA 24th Edition -4500 NO ₃ 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 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 date of issue of test report unless until specifically requested by the customer for retaining over a longer period.



Sample analyzed by :


AMIT KUMAR, CHIEF CHEMIST 06/11/24
STATE WATER TESTING LABORATORY KARNAL
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