

Memo No:- 717

Date - 28/02/2024

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification : KNL/09048/2/2024 / Private	Sample Details	Date & Time
Sender : PRINCIPAL KANHIYA PUBLIC SCHOOL28605	Collected By	PRINCIPAL KANH...
Location : , BAROTA, KARNAL	Collection Date	27/02/2024 at 11.02
Sample Description : Drinking Water	Received at lab	27/02/2024 at 11.06
Latitude / Longitude 76.981770 / 29.687903	Analysis Start Date	27/02/2024
	Analysis End Date	28/02/2024
	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/Lt.	2000 mg/Lt.	IS 3025 (Part-16) : 2023
2	Total Hardness as CaCO ₃	200	200 mg/Lt.	600 mg/Lt.	IS 3025 (Part-21) : 2009 (RA 2023)
3	Calcium as Ca	40	75 mg/Lt.	200 mg/Lt.	IS 3025 (Part-40) : 1991 (RA 2023)
4	Magnesium as Mg	24	30 mg/Lt.	100 mg/Lt.	IS 3025 (Part-46) : 2023
5	Iron as Fe	0.01	1.0 mg/Lt.	1.0 mg/Lt.	USEPA-8008:2017
6	Chloride as Cl	55	250 mg/Lt.	1000 mg/Lt.	IS 3025 (Part-32) : 1988 (RA 2019)
7	Sulphate as SO ₄	35	200 mg/Lt.	400 mg/Lt.	USEPA-8051:2017
8	Fluoride as F	0.490	1.0 mg/Lt.	1.5 mg/Lt.	APHA 24th Edition-4500F C
9	Nitrate as NO ₃	3.1	45 mg/Lt.	45 mg/Lt.	APHA 24th Edition -4500 NO ₃ D
10	pH @ 25°C	7.45	6.5 - 8.5	6.5 - 8.5	IS 3025 (Part-11) : 2022
11	Total Alkalinity	220	200 mg/Lt.	600 mg/Lt.	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 15 days from the date of issue of test report unless until specifically requested by the customer for retaining over a longer period.



Jyoti ndosin
Sample analyzed by

Principal

Kanhiya Public School
Barota (Karnal)-531048

AMIT KUMAR, CHIEF CHEMIST
STATE WATER TESTING LABORATORY KARNAL
email:-chiefchemist.hr@phedharyana.gov.in



**OFFICE OF CIVIL SURGEON
KARNAL-132001**



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Ph. No. 0184-2267796, 2267569 Email: dhs.eskn/a hry.nic.in

NO OBJECTION CERTIFICATE

Certify that the premises of Kanhiya Public School
Barota 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/ 305

Date:- 26.10.23.

A copy is forwarded to for information and necessary
action.

Principal Kanhiya Public School
Barota Karnal.

Dilpreet Kaur
Principal
Kanhiya Public School
Barota (Karnal)-531048

[Signature]
Dy. Civil Surgeon (Health)
Karnal
[Stamp: Dy. Civil Surgeon (Health) Karnal]