

Memo No:- 1591

Date:- 24/04/2026

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification :	KNL/00853/4/2026 / Private	Sample Details	Date & Time
Sender :	GURU NANAK GIRLS SR. SEC. SCHOOL	Collected By	SANTOSH KUMAR
Location :	, GURU NANAK GIRLS SR. SEC. SCHOOL, KARNAL	Collection Date	21/04/2026 at 12:36
Sample Description :	Drinking Water	Received at lab	22/04/2026 at 11:52
Latitude / Longitude :	76.994234 / 29.691080	Analysis Start Date	22/04/2026
		Analysis End Date	23/04/2026
		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	Turbidity	<1	1 NTU	5 NTU	IS 3025 (Part-10):1984 (RA 2022)
2	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8) :1984 (RA 2022)
3	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5) :1984 (RA 2018)
4	Color	<5	5 Hazen Units	15 Hazen Units	IS 3025 (Part 4): 2021
5	Total Dissolved Solids @ 180°C ± 2°C	340	500 mg/lit.	2000 mg/lit.	IS 3025 (Part-16) : 2023
6	Total Hardness as CaCO ₃	210	200 mg/lit.	600 mg/lit.	IS 3025 (Part-21) : 2009 (RA 2023)
7	Calcium as Ca	44	75 mg/lit.	200 mg/lit.	IS 3025 (Part-40) :1991 (RA 2023)
8	Magnesium as Mg	24	30 mg/lit.	100 mg/lit.	IS 3025 (Part-46) (RA 2023)
9	Total Alkalinity	230	200 mg/lit.	600 mg/lit.	IS 3025 (Part-23) : 1986 (RA 2019)
10	Chloride as Cl	65	250 mg/lit.	1000 mg/lit.	IS 3025 (Part-32) :1988 (RA 2019)
11	Sulphate as SO ₄	27	200 mg/lit.	400 mg/lit.	USEPA-8051:2017
12	Fluoride as F	0.370	1.0 mg/lit.	1.5 mg/lit.	APHA 24th Edition-4500F C
13	Iron as Fe	0.02	1.0 mg/lit.	1.0 mg/lit.	USEPA-8008:2017
14	Nitrate as NO ₃	1.8	45 mg/lit.	45 mg/lit.	APHA 24th Edition -4500 NO ₃ D
15	pH @ 25°C	7.45	6.5 - 8.5	6.5 - 8.5	IS 3025 (Part-11) : 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: *Jayinder Singh*

Amit Kumar
AMIT KUMAR, CHIEF CHEMIST
STATE WATER TESTING LABORATORY KARNAL
email:-chiefchemist.hr@phedharyana.gov.in
24/04/26

PUBLIC HEALTH ENGINEERING DEPARTMENT

STATE WATER TESTING LABORATORY, KARNAL

PHED
haryana

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

Subject : **Bacteriological Examination Report of Water Samples**

Circle **Karnal Circle**

Division **Karnal PHED No. 1**

Sub Division **Karnal PHESD No. 2 (U)**

S.No.	Tested Parameter *	Result (MPN) **	Protocol Used	Potable / Not Potable
Memo No :- 1592, Date :- 24/04/2026				
1	Sample ID:-KNL/00852/4/2026 / Sender : GURU NANAK GIRLS SR. SEC. SCHOOL ,Location : , GURU NANAK GIRLS SR. SEC. SCHOOL, KARNAL, Analysis Start/End Date: 22/04/2026 / 24/04/2026, GPS Coordinates: 76.994169 /29.690931			
	Total Coliform per 100 ml	0.0	IS 15185:2016/APHA 9223B-2023/APHA 9221C-2023	Potable
Abstract Report of Bacteriological Examination Report of Water Sample				
Total Sample		Potable		Not Potable
1		1		0

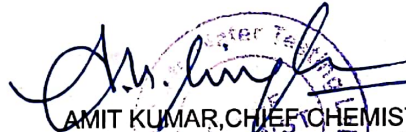
* Requirement (Acceptable Limit) : Shall not be detectable in any 100 ml sample

** MPN (Most Probable Number) Per 100 ML.

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Jyindessim
Sample analyzed by :


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