PUBLIC HEALTH ENGINEERING DEPARTMENT

STATE WATER TESTING LABORATORY ,KARNAL

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

Certificate No: TC-13659

Memo No:- 1621 Date:- 27/04/2026

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification :	KNL/01104/4/2026 / Private
Sender :	Principal,Maharana Partap Sr.Sec.School
Location :	, Gharaunda,KNL
Sample Description :	Drinking Water
Latitute / Longitude :	76.994250 / 29.689096

Sample Details	Date & Time
Collected By	Principal,Maha...
Collection Date	24/04/2026 at 12:45
Received at lab	24/04/2026 at 12:49
Analysis Start Date	24/04/2026
Analysis End Date	27/04/2026
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	370	500 mg/lt.	2000 mg/lt.	IS 3025 (Part-16) : 2023
6	Total Hardness as CaCo3	190	200 mg/lt.	600 mg/lt.	IS 3025 (Part-21) : 2009 (RA 2023)
7	Calcium as Ca	36	75 mg/lt.	200 mg/lt.	IS 3025 (Part-40) :1991 (RA 2023)
8	Magnesium as Mg	24	30 mg/lt.	100 mg/lt.	IS 3025 (Part-46) (RA 2023)
9	Total Alkalinity	200	200 mg/lt.	600 mg/lt.	IS 3025 (Part-23) : 1986 (RA 2019)
10	Chloride as Cl	36	250 mg/lt.	1000 mg/lt.	IS 3025 (Part-32) :1988 (RA 2019)
11	Sulphate as So4	20	200 mg/lt.	400 mg/lt.	USEPA-8051:2017
12	Fluoride as F	0.310	1.0 mg/lt.	1.5 mg/lt.	APHA 24th Edition-4500F C.
13	Iron as Fe	0.02	1.0 mg/lt.	1.0 mg/lt.	USEPA-8008:2017
14	Nitrate as No3	2.1	45 mg/lt.	45 mg/lt.	APHA 24th Edition -4500 NO3 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 untill specifically requested by the customer for retaining over a longer period.

Sample analyzed by : Joginder Singh

AMIT KUMAR, CHIEF CHEMIST 27/04/26
STATE WATER TESTING LABORATORY,KARNAL
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Letter No.SHC/KNL/2026/1027 Date:- 29/05/2026

NO OBJECTION CERTIFICATE

Certify that the premises of the Maharana Partap Sr. Sec. School, Gharauda, Karnal has been inspected on dated 22.05.2026. 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 KARNAL