

Memo No:- 4322

Date:- 16/07/2026

T0626HR18248

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification : KNL/05168/7/2026 / Private	Sample Details	Date & Time
Sender : Principal	Collected By	Staff
Location : , Glorious Public School, Gonder, KNL (R.O. Trete)	Collection Date	15/07/2026 at 11:21
Sample Description: Drinking Water	Received at lab	15/07/2026 at 11:39
Latitude / Longitude : 76.991837 / 29.688694	Analysis Start Date	15/07/2026
	Analysis End Date	16/07/2026
	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	210	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	210	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	15	200 mg/lt.	400 mg/lt.	USEPA-8051:2017
12	Fluoride (as F)	0.240	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)	1.0	45 mg/lt.	45 mg/lt.	APHA 24th Edition -4500 NO3 D
15	pH @ 25°C	7.31	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: *Joginder Singh*


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 16/07/2026



कार्यालय सिविल सर्जन
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Letter No.SHC/KNL/2026/2369

Date:- 20/08/2026

NO OBJECTION CERTIFICATE

Certify that the premises of The Glorious Public School V.P.O Gonder, Karnal has been inspected on dated 20.08.2026. 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 (S.A.) (School Health)
Karnal **KARNAL**