

Memo No:- 5786

Date:- 23/06/2025

Certificate
No: TC-13659

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification : KNL/04683/6/2025 / Private		Sample Details	Date & Time
Sender :	Principal	Collected By	Deepak sharma
Location :	Baba Ram Das Vidyapeeth, Kulvehri, Karnal	Collection Date	19/06/2025 at 12:20
Sample Description :	Drinking Water	Received at lab	19/06/2025 at 12:25
Latitude / Longitude :	76.988368 / 29.686077	Analysis Start Date	19/06/2025
		Analysis End Date	20/06/2025
		Sample Quantity	1000ML

Test Result (As Per BIS 10500 :2012)

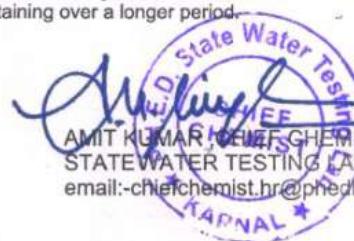
S.No.	Tested Parameter	Result	Requirement (Acceptable Limit)	Permissible Lmt. (In the Absence of Alternate Source)	Protocol Used
1	Turbidity	<1	1 NTU	5 NTU	IS 3025 (Part-10):1984 (RA 2022)
2	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8) :1984 (RA 2022)
3	Odour	Agreeable	Agreeable	Agreeable	IS 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	470	500 mg/lt.	2000 mg/lt.	IS 3025 (Part-16) : 2023
6	Total Hardness as CaCO ₃	310	200 mg/lt.	600 mg/lt.	IS 3025 (Part-21) : 2009 (RA 2023)
7	Calcium as Ca	44	75 mg/lt.	200 mg/lt.	IS 3025 (Part-40) :1991 (RA 2023)
8	Magnesium as Mg	48	30 mg/lt.	100 mg/lt.	IS 3025 (Part-46) (RA 2023)
9	Total Alkalinity	330	200 mg/lt.	600 mg/lt.	IS 3025 (Part-23) : 1986 (RA 2019)
10	Chloride as Cl	71	250 mg/lt.	1000 mg/lt.	IS 3025 (Part-32) :1988 (RA 2019)
11	Sulphate as SO ₄	35	200 mg/lt.	400 mg/lt.	USEPA-8051:2017
12	Fluoride as F	0.510	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 NO ₃	3.3	45 mg/lt.	45 mg/lt.	APHA 24th Edition -4500 NO ₃ D
15	pH @ 25°C	7.51	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 date of issue of test report unless until specifically requested by the customer for retaining over a longer period.



Jaydeep Singh
Sample analyzed by:


 AMIT KUMAR CHIEF CHEMIST 23/06/2025
 STATE WATER TESTING LABORATORY KARNAL
 email:-chiefchemist.hr@phedharyana.gov.in