

Memo No:- 2092

Date:- 01/12/2025

Certificate  
No: TC-12380

**Subject : Physical / Chemical Examination Report of Water Sample**

Sample ID/Classification : KTL/04420/11/2025 / Private	<b>Sample Details</b>	<b>Date &amp; Time</b>
Sender : PM SHRI GSSS BALBEHRA	Collected By	NAVEEN BANSAL
Location : , BALBEHRA	Collection Date	28/11/2025 at 11:24
Sample Description : Drinking Water	Received at lab	28/11/2025 at 13:49
Latitude / Longitude : 76.386266 / 30.024219	Analysis Start Date	28/11/2025
	Analysis End Date	01/12/2025
	Sample Quantity	1 ltr

**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	<0.20	1 NTU	5 NTU	IS:3025 (Part-10) :2023
2	Taste	agreeable	Agreeable	Agreeable	IS:3025 (Part-8) :2023
3	Odour	agreeable	Agreeable	Agreeable	IS:3025 (Part-5) :2018
4	Color	<5.0	5 Hazen Units	15 Hazen Units	IS:3025 (Part-4) :2021
5	Total Dissolved Solids @ 180°C ± 2°C	841.00	500 mg/lit.	2000 mg/lit.	IS:3025 (Part-16) :2023
6	Total Hardness as CaCo3	280.0	200 mg/lit.	600 mg/lit.	IS:3025 (Part-21) :2009
7	Calcium as Ca	39.28	75 mg/lit.	200 mg/lit.	IS:3025 (Part-40) :2024
8	Magnesium as Mg	44.23	30 mg/lit.	100 mg/lit.	IS:3025 (Part-46) : 2023
9	Total Alkalinity	530.00	200 mg/lit.	600 mg/lit.	IS:3025 (Part-23) :2023
10	Chloride as Cl	136.39	250 mg/lit.	1000 mg/lit.	IS:3025 (Part-32) :1988
11	Sulphate as So4	31.36	200 mg/lit.	400 mg/lit.	USEPA: 375.4 (Turbidimetric Method) :1978
12	Fluoride as F	0.69	1.0 mg/lit.	1.5 mg/lit.	IS:3025 (Part 60) :2008
13	Iron as Fe	<0.10	1.0 mg/lit.	1.0 mg/lit.	USEPA :45 (126:43459) :1980
14	Nitrate as No3	17.55	45 mg/lit.	45 mg/lit.	APHA (24th Edition) 4500 NO3 B :2023
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 KAITHAL 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 :

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