

PUBLIC HEALTH ENGINEERING DEPARTMENT

DISTRICT WATER TESTING LABORATORY, KAITHAL

Water Quality Management & Pollution Control Deptt.



Certificate
No. TC-12380

Memo No:- 105

Date:- 07/02/2024

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification : KTL/04152/2/2024 / Private Sender : OM PARKASH27975 Location : , PM SHRI GSSS SONGAL Sample Description : Drinking Water Latitude / Longitude : 76.467122 / 29.676513	Sample Details	Date & Time
	Collected By	OM PARKASH
	Collection Date	05/02/2024 at 12:19
	Received at lab	05/02/2024 at 13:13
	Analysis Start Date	05/02/2024
	Analysis End Date	07/02/2024
	Sample Quantity	1000 ML

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	Total Dissolved Solids @ 180°C ± 2°C	89.0	500 mg/lit.	2000 mg/lit.	APHA 24th Edition - 2540 C / IS: 3025 (Part-16):2023
2	Total Hardness as CaCO ₃	18.0	200 mg/lit.	600 mg/lit.	APHA 24th Edition - 2340 C / IS: 3025 (Part-21):2009
3	Calcium as Ca	5.21	75 mg/lit.	200 mg/lit.	APHA 24th Edition-3500 Ca B; IS: 3025 (Part-40):1991
4	Magnesium as Mg	<2.4	30 mg/lit.	100 mg/lit.	APHA 24th Edition - 3500 Mg B / IS: 3025 (Part-46):1994
5	Iron as Fe	<0.04	1.0 mg/lit.	1.0 mg/lit.	USEPA
6	Chloride as Cl	14.68	250 mg/lit.	1000 mg/lit.	APHA 24th Edition - 4500 Cl B / IS: 3025 (Part-32):1988
7	Sulphate as So ₄	<5.0	200 mg/lit.	400 mg/lit.	USEPA
8	Fluoride as F	0.17	1.0 mg/lit.	1.5 mg/lit.	APHA 24th Edition-4500 F C / IS: 3025 Part 60: 2008
9	Nitrate as No ₃	<1.0	45 mg/lit.	45 mg/lit.	APHA 24th Edition -4500 NO ₃ B
10	pH @ 25°C	7.58	6.5 - 8.5	6.5 - 8.5	APHA 24th Edition -4500 pH B
11	Total Alkalinity	42.0	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2320 B / IS: 3025 (Part-23):1986
12	Color	<5.0	5 Hazen Units	15 Hazen Units	APHA 24th Edition -2120B / IS: 3025 (Part 4) : 2021
13	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5) : 2015
14	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part 8) :2023
15	Turbidity	0.24	1 NTU	5 NTU	APHA 24th Edition -2130 B / IS: 3025 (Part 10):1984

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 samples 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 15 days from the date of issue of test report unless specifically requested by the customer for retaining over a longer period



Sample analyzed by

ANALYST
 PM SHRI GSSS
 Songal (Kaithal)



DISTRICT WATER TESTING LABORATORY KAITHAL
 Kaithal