

PUBLIC HEALTH ENGINEERING DEPARTMENT

DISTRICT WATER TESTING LABORATORY KAITHAL

(Water Quality & Public Health Engineering)



Certificate
No. TC-12380

Memorandum No. 105

Date: 07/02/2024

Subject: Physical / Chemical Examination Report of Water Sample

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

PUBLIC HEALTH ENGINEERING DEPARTMENT

DISTRICT WATER TESTING LABORATORY, KAITHAL

PHED
Haryana

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

Memo No:- 115

Date:- 08/02/2024

Subject : Bacteriological Examination Report of Water Sample

Sample ID:	KTL/04150/2/2024	Sample Details	Date & Time
Sample Classification:	Private	Collected By	OM PARKASH,9416365506
Sender:	OM PARKASH27974	Collection Date	05/02/2024 at 12:17
Location :-	PM SHRI GSSS SONGAL	Received at lab	05/02/2024 at 13:13
Latitude :-	76.467189	Tested at Lab	08/02/2024
Longitude :-	29.674126		

Test Result (As Per BIS 10500 :2012)

S.No.	Tested Parameter	Result	Requirement (Acceptable Limit)	Protocol Used
1	Total Coliform per 100 ml	0	Shall not be detectable in any 100 ml sample	IS 15185:2016/ APHA 9221C, 2017

Remarks :-

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- * Reliability of water sample lies with sender/collector of water sample.
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Water Sample has been found "**CONFORMING**" to Limits set in BIS10500:2012 for the tested parameters.
Based on the tested parameters, the water sample is found "**POTABLE**"



SUBHASH CHANDER, CHEMIST
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-----End of Report-----

Principal
PM SURI GSSS
Songal (Kaithal)