



OFFICE OF THE SENIOR CHEMIST  
PUBLIC HEALTH ENGINEERING DEPARTMENT  
ZONAL WATER TESTING LABORATORY, SIRSA  
E-mail:-Seniorchemist.phedharyana@gmail.com



Test Report

Test Report No : - SIR/01569	Issue Date -14/06/2024
Issue To - SAINT SOLDIER Sr. Sec. SCHOOL, RANIA	Location-TAP WATER FROM SAINT SOLDIER Sr. Sec. SCHOOL, RANIA
Your Reference No- BY HAND / Dt. 13/06/2024	Collected By - Sh. BIKRAMJIT SINGH
Sample Type -TAP water	Sample Collected Date -13/06/2024
Lab Job Order No.- PC - 2064069	Sample Received Date 13/06/2024
Period of Analysis - 13/06/2024	Sample Quantity - 1 Ltr
Environmental Condition :-	Temp 25 ± 2 °C, Humidity 55 ± 15 %

Results

S. No.	Parameter	Protocol Used	Results	IS: 10500:2012 (Second Revision) RA- 2018		Unit
				Desirable limit	Max. Permissible limit (in absence better alternate source)	
11	Iron	APHA 3500-Fe B,2017 23rd Edition-2017	0.03	1.0	1.0	mg/L
12	Sulphate	APHA 4500 E 23rd Edition-2017	59	200	400	mg/L
13	Fluoride (as F)	APHA 4500-F D,C:2017 23rd Edition-2017	1.00	1.0	1.5	mg/L
14	Nitrate (as NO <sub>3</sub> )	APHA4500 -NO <sub>3</sub> - D :2017 23rd Edition-2017	1.9	45	No relaxation	mg/L
15	Color	APHA 2120 C; 2017	<5	5 Hazen Units	15 Hazen Units	Hazen Units
16	RCI	IS3025 (Part-26)	0.0	0.2	1.0	mg/L

Remarks:- The Parameter Tested at Sr.No 11-16 as per requirement of IS:10500:2012 Second Revision(RA 2018).

Notes:

- The results given above are related to the sample as received and tested in PHED Lab, Sirsa Reliability of sample lies with the sender.
- The test report can't be regenerated/re-produced in whole or in part without written permission of Laboratory.
- The test report can't be used for any publicity or any legal purpose.
- The test samples meant for chemical analysis will be disposed off after 15 days from the date of issue of test report unless until specifically requested by the customer for retaining over a longer period.
- The above parameter are tested for drinking purpose

Sample analyzed by

  
(Santosh Kumari)

Authorized Signatory/ Senior Chemist  
PHED Zonal Water Testing Laboratory, Sirsa



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TC-11949

**Test Report**

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Lab Job Order No.- PC - 2064069	Sample Received Date 13/06/2024
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Environmental Condition :- Temp 25 ± 2 °C, Humidity 55 ± 15 %	

**Results**

S. No.	Parameter	Protocol Used	Results	IS: 10500:2012 (Second Revision) RA- 2018		Unit
				Desirable limit	Max. Permissible limit (in absence better alternate source)	
1	Total Dissolved Solid	APHA 2540 C 2017 23rd Edition-2017	400	500	2000	mg/L
2	Total Hardness (as CaCo3)	APHA 23rd Edition 2340 C: 2017	250	200	600	mg/L
3	Calcium (as Ca)	APHA 23rd Edition 3500-Ca B: 2017	36.07	75	200	mg/L
4	Magnesium (as Mg)	APHA 23rd Edition 3500 -Mg B:2017	38.88	30	100	mg/L
5	Total Alkalinity (as CaCo3)	APHA 23rd Edition 2320 B: 2017	200	200	600	mg/L
6	Chloride (as Cl)	APHA 23rd Edition 4500 -Cl- B: 2017	74.97	250	1000	mg/L
7	pH @ 25°C	APHA 23rd Edition 4500 -H+B:2017	7.65	6.5 -8.5	No relaxation	-
8	Turbidity	APHA 2130 B	0.49	1	5.0	NTU
9	Taste	IS3025 (Part-8)	Agreeable	Agreeable	Agreeable	Qualitative
10	Odour	IS3025 (Part-5)	Agreeable	Agreeable	Agreeable	Qualitative

**Remarks:- The Parameter Tested at Sr.No 1-10 as per requirement of IS:10500:2012 Second Revision(RA 2018).**

**Notes:**

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Sample analyzed by

(Santosh Kumari)

Authorized Signatory/ Senior Chemist  
PHED Zonal Water Testing Laboratory, Sirsa

Memo No:- 798

Date:- 19-6-24

**Subject : Bacteriological Examination Report of Water Sample**

Sample ID:	SIR/01568/6/2024	<b>Sample Details</b>	<b>Date &amp; Time</b>
Sample Classification:	Private	Collected By	Bikram jit Sin...,9416351651
Sender:	Saint Soldier Sr Sec School32609	Collection Date	13/06/2024 at 13:14
Location :-	, Tap water from Saint Soldier Sr Sec School	Received at lab	13/06/2024 at 14:57
Latitude :-	74.790828	Longitude :-	29.527655
		Tested at Lab	18/06/2024

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 :-**

- \* The Results Given above are related to the sample as received and tested in SIRSA 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.

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**"



  
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PUBLIC HEALTH ENGINEERING DEPARTMENT  
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-----End of Report-----