

DISTRICT WATER TESTING LABORATORY / MOBILE WATER TESTING LABORATORY DEPARTMENT OF W/S & SANITATION, AMRITSAR (PUNJAB)

PHYSICAL & CHEMICAL ANALYSIS REPORT OF WATER SAMPLE

Particular of Sample

Sample No.

1. Name of Place *Central Convent Sr. Sec. School, Patti*

District *Tarn Taran* Block *Patti* Village Location

2. Source of the sample (Tick) Canal / Tubewell / Hand Pump / Any Other *R.O.*

3. Name / Designation of the person who collected the sample *Principal*

4. (i) Date & Time of receipt in the Lab *2-9-2020*

(ii) Commencement of Test

5. Type of Disinfection (Tick) Silver Ionization / Chlorination / None

Sr. No.	Test	Desirable Limit	Permissible Limit	Result
1.	Turbidity (NTU) Max	5.0	10	<i>0.1</i>
2.	Colour (Visual)	---	Un objectionable	<i>0.1</i>
3.	Taste & Odour (Qualitative)	---	Un objectionable	<i>0.1</i>
4.	pH	6.5 to 8.5	No relaxation	<i>6.5</i>
5.	Total Dissolved Solids mg / l Max.	500	2000	<i>35</i>
6.	Total Alkalinity (as Ca, CO ₃), mg/l, Max	200	600	<i>30</i>
7.	Total Hardness (as Ca, CO ₃), mg/l, Max	300	600	<i>30</i>
8.	Calcium (Ca), mg/l, Max.	75	200	<i>0.4</i>
9.	Chloride Mg/l. Max.	250	1000	<i>0.5</i>
10.	Residual Chlorine (as Cl), mg/l, Max.	0.2	0.5	<i>-</i>
11.	Fluorides (as F), mg/l, Max	1.0	1.5	<i>0.10</i>
12.	Nitrate (as NO ₃), mg/l, Max	45	100	<i>-</i>
13.	Sulphate (as SO ₄), mg/l, Max	200	400	<i>-</i>
14.	Iron (as (Fe), mg/l	0.3	1.0	<i>0.10</i>

Bacteriological Parameters :

1. Test for Total Coliform by MPN method with Maconky Broth

10m/

1m/x

C.1m/x

2. Test for Fecal Coliform by MPN method with Aq Broth
(Conducted if Total Coliform present)

Report :

1. The water is potable / not potable as per *found*

2. The following parameters are more than the *found above* Desirable limit but less than the permissible limit.
(Sample not drawn by us. Unless and other wise stated)

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Patti (Tarn Taran)
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Code No. 20325

In charge,
District Water Testing Laboratory,
/Mobile Water Testing Laboratory
AMRITSAR