

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

ANALYSIS REPORT OF WATER SAMPLE

0522/019

Particulars of Sample

1. Name of Place	Sri Guru Har Krishan Gharh & Co. Sec. Sch.		
District	Block	Village	Location
2. Source of the sample (Tick) Canal/Tubewell/Hand Pump/Any Other	Tubewell (500')		
3. Name/Designation of the person who collected the sample	S. Yadwinder Singh		
4. (i) Date & Time of receipt in the lab	11-5-2022		
(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	0.12
2.	Colour (Visual)	Un objectionable	1
3.	Taste & Odour (Qualitative)	Un objectionable	Agreeable
4.	PH	6.5 to 8.5	No relaxation	7.80
5.	Total Dissolved Solids mg/l Max	500	2000	260
6.	Calcium (Ca), mg/l, Max	75	200	12.82
7.	Chloride Mg/l. Max	250	1000	11.99
8.	Total Alkalinity (as Ca, CO ₃), mg/l Max	200	600	180
9.	Total Hardness (as Ca, CO ₃), mg/l Max	200	600	168
10.	Residual Chlorine (as Cl), mg/l, Max	0.2	0.5	-
11.	Fluorides (as F), mg./l, Max	1.0	1.5	-
12.	Nitrate (as NO ₃), mg/l, Max	45	100	-
13.	Sulphate (as SO ₄), mg/l, Max	200	400	-
14.	Iron (as Fe), mg/l Max	0.3	0.3	-

Bacteriological Parameters :

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

10m/x.....
1m/x.....
0.1m/x.....

2. Test for Fecal Coliform by MPN method with A1 Broth
(Conducted if Total Coliform present)

Report :

1. The water is potable/not potable as per total above

2. The following parameters are more than the 'acceptable but less than the 'cause of rejection' limits.

In charge,
District Water Testing Laboratory
/Mobil Water Testing Laboratory
TARN TARAN