

**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. 239

1. Name of Place Sri Gurn Han Krishan Gur Se Public sch  
 District T.T. Block Pathi Village ..... Location Pathi  
 2. Source of the sample (Tick) Canal / Tubewell / Hand Pump / Any Other Tubewell  
 3. Name / Designation of the person who collected the sample Principal.  
 4. (i) Date & Time of receipt in the Lab ..... 23-11-2020.  
 (ii) Commencement of Test ..... 25-11-2020.  
 5. Type of Disinfection (Tick) Silver Ionization / Chlorination / None

Sr. No.	Test	Desirable Limit	Permissible Limit	Result
1.	Turbidity (NTU) Max	5.0	10	0.1
2.	Colour (Visual)	----	Un objectionable	Colourless
3.	Taste & Odour (Qualitative)	----	Un objectionable	Odourless
4.	pH	6.5 to 8.5	No relaxation	7.4
5.	Total Dissolved Solids mg / l Max.	500	2000	373
6.	Total Alkalinity (as Ca, CO <sub>3</sub> ), mg/l, Max	200	600	340
7.	Total Hardness (as Ca, CO <sub>3</sub> ), mg/l, Max	300	600	320
8.	Calcium (Ca), mg/l, Max.	75	200	48
9.	Chloride Mg/l. Max.	250	1000	-
10.	Residual Chlorine (as Cl), mg/l, Max.	0.2	0.5	-
11.	Fluorides (as F), mg/l, Max	1.0	1.5	0.99
12.	Nitrate (as NO <sub>3</sub> ), mg/l, Max	45	100	5
13.	Sulphate (as SO <sub>4</sub> ), mg/l, Max	200	400	-
14.	Iron (as Fe), mg/l	0.3	1.0	0.01

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

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