

**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 SRI GURU HARKRISHAN International School Sample No. 250

1. Name of Place School D Block Rangit Avenue ASR  
 District ASR Block 1 Village                      Location                     

2. Source of the sample (Tick) Canal / Tubewell / Hand Pump / Any Other Hand Pump 30-200ft

3. Name / Designation of the person who collected the sample Principal Ritesh Kumar K. MALHOTRA

4. (i) Date & Time of receipt in the Lab 02/07/19  
 (ii) Commencement of Test 03/07/19

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

Sr. No.	Test	Desirable Limit	Permissible Limit	Result
1.	Turbidity (NTU) Max	5.0	10	0.6
2.	Colour (Visual)	---	Un objectionable	Colourless
3.	Taste & Odour (Qualitative)	---	Un objectionable	Ordinary
4.	pH	6.5 to 8.5	No relaxation	7.2
5.	Total Dissolved Solids mg / l Max.	500	2000	352
6.	Total Alkalinity (as Ca, CO <sub>3</sub> ), mg/l, Max	200	600	212
7.	Total Hardness (as Ca, CO <sub>3</sub> ), mg/l, Max	300	600	216
8.	Calcium (Ca), mg/l, Max.	75	200	53
9.	Chloride Mg/l. Max.	250	1000	14
10.	Residual Chlorine (as Cl), mg/l, Max.	0.2	0.5	—
11.	Fluorides (as F), mg/l, Max	1.0	1.5	0.27
12.	Nitrate (as NO <sub>3</sub> ), mg/l, Max	45	100	—
13.	Sulphate (as SO <sub>4</sub> ), mg/l, Max	200	400	16
14.	Iron (as (Fe), mg/l	0.3	1.0	0.05

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

*Ritesh Kumar*  
In charge.