

**DISTRICT WATER TESTING LABORATORY / MOBILE WATER TESTING LABORATORY DEPARTMENT OF W/S & SANITATION, PUNJAB**

**ANALYSIS REPORT OF WATER SAMPLE**

Particular of Sample

**AMRITSAR**

Sample No. **471**

1. Name of Place <b>Alexandre School Amritsar</b>	
District .....	Block ..... Village ..... Location .....
2. Source of the sample (Tick) Canal / Tubewell / Hand Pump / Any Other <b>SI Pump Tap water</b>	
3. Name / Designation of the person who collected the sample <b>Pump Alexandre School Amritsar</b>	
4. (i) Date & Time of receipt in the Lab <b>18/8/22</b>	
(ii) Commencement of Test <b>19/8/22</b>	
5. Type of Disinfection (Tick) <input type="checkbox"/> Silver Ionization / <input type="checkbox"/> Chlorination / <input type="checkbox"/> None	

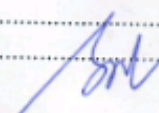
Sr. No.	Test	Desirable Limit	Permissible Limit	Result
1.	Turbidity (NTU) Max	5.0	10	<b>NIL</b>
2.	Colour (Visual)	---	Un objectionable	<b>Colourless</b>
3.	Taste & Odour (Qualitative)	---	Un objectionable	<b>Odourless</b>
4.	pH	6.5 to 8.5	No relaxation	<b>7.8</b>
5.	Total Dissolved Solids mg / l Max.	500	2000	<b>260</b>
6.	Total Alkalinity (as Ca, CO <sub>3</sub> ), mg/l, Max	200	600	<b>252</b>
7.	Total Hardness (as Ca, CO <sub>3</sub> ), mg/l, Max	300	600	<b>248</b>
8.	Calcium (Ca), mg/l, Max.	75	200	<b>56</b>
9.	Chloride Mg/l. Max.	250	1000	<b>24</b>
10.	Residual Chlorine (as Cl), mg/l, Max.	0.2	0.5	<b>-</b>
11.	Fluorides (as F), mg/l, Max	1.0	1.5	<b>0.15</b>
12.	Nitrate (as NO <sub>3</sub> ), mg/l, Max	45	100	<b>-</b>
13.	Sulphate (as SO <sub>4</sub> ), mg/l, Max	200	400	<b>34</b>
14.	Iron (as (Fe), mg/l	0.3	1.0	<b>NIL</b>

**Bacteriological Parameters :**

- Test for Total Coliform by MPN method with Maconky Broth
  - 10m/ .....
  - 1m/x .....
  - C.1m/x .....
- Test for Fecal Coliform by MPN method with Aq Broth (Conducted if Total Coliform present)

**Report :**

- The water is potable / not potable
- The following parameters are more than the Desirable limit but last than the permissible limit.  
(Sample not drawn by us. Unless and other wise stated)

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