

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

**ANALYSIS REPORT OF WATER SAMPLE**

Particular of Sample

Sample No. 782

1. Name of Place Akal Galaxy Convent school  
 District Jalandhar Block Lahian, Khos Village ..... Depth .....

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

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

4. (i) Date of Time of receipt in the Lab 18-1-2024  
 (ii) Commencement of Test 6-2-2024

5. CONDITIONS OF THE SAMPLE  SEALED  UNSEALED

Sr. No.	Test	Desirable Limit	Permissible Limit	Result
1.	Turbidity (NTU) Max	1	5	
2.	Colour (Visual)	----	Un objectionable	<u>Colourless</u>
3.	Taste & Odour (Qualitative)	----	Un objectionable	<u>Ordinary</u>
4.	pH	6.5 to 8.5	No relaxation	<u>7.25</u>
5.	Total Dissolved Solids mg / l Max.	500	2000	<u>210</u>
6.	Calcium (Ca), mg/l. Max.	75	200	<u>35</u>
7.	Chloride mg/l. Max.	250	1000	<u>30</u>
8.	Total Alkalinity (as Ca, CO <sub>3</sub> ), mg/l, Max	200	600	<u>226</u>
9.	Total Hardness (as Ca, CO <sub>3</sub> ), mg/l, Max	300	600	<u>215</u>
10.	Residual Chlorine (as Cl), mg/l, Max.	0.2	1.0	<u>-</u>
11.	Fluorides (as F), mg/l, Max	1.0	1.5	<u>-</u>
12.	Nitrate (as NO <sub>3</sub> ), mg/l, Max	45	45	<u>-</u>
13.	Sulphate (as SO <sub>4</sub> ), mg/l, Max	200	400	<u>-</u>
14.	Iron (as Fe), mg/l	0.3	0.3	<u>-</u>

**Microbiological Parameters :**

Test for Total Coliform by MPN method with Maconky Broth 10m/x.....

Test for Fecal Coliform by MPN method with A1 Broth 1m/x.....  
 (Conducted if Total Coliform present)

H<sub>2</sub>S Kit ..... black colour observed/no change in colour 0.1m/x.....

Report :  The water is potable / not potable  
 The following parameters are more than the 'acceptable' but less than the 'cause of rejection' limits. With respect to tested parameter

**The Report shall not be used for advertising or any legal purpose**

**This Report valid for 6 month**

Incharge,  
 District Water Testing Laboratory,  
 Jalandhar