

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 Lohian, Kh. 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 18-1-2023
 (ii) Commencement of Test 6-2-2023

5. CONDITIONS OF THE SAMPLE SEALING 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 ₃), mg/l, Max	200	600	<u>226</u>
9.	Total Hardness (as Ca, CO ₃), 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 ₃), mg/l, Max	45	45	<u>-</u>
13.	Sulphate (as SO ₄), 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)

H₂S Kit black colour observed/no change in colour 0.1m/x.....

Report :

The water is potable / not potable With respect to tested parameters

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

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

This Report valid for 6 month

In Charge,
 District Water Testing Laboratory,
 Jalandhar