

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

ANALYSIS REPORT OF WATER SAMPLE

30/4/2021

Particular of Sample

Sample No. 5933

1. Name of Place	<u>Smt Baba Nidhan Singh Public School Kartarpur</u>		
District	Block	Village	Depth
<u>Jalandhar</u>	<u>Jal west</u>	<u>Kartarpur</u>	
2. Source of the sample (Tick) Canal / Tubewell / Hand Pump / Any Other	<u>R.O.</u>		
3. Name / Designation of the person who collected the sample	<u>Sample not collected By lab person</u>		
4. (i) Date of Time of receipt in the Lab	<u>29/4/2021</u>		
(ii) Commencement of Test	<u>30/4/2021</u>		
5. CONDITIONS OF THE SAMPLE	<u>SEALED/UNSEALED</u>		

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>Odourless</u>
4.	pH	6.5 to 8.5	No relaxation	<u>6.8</u>
5.	Total Dissolved Solids mg / l Max.	500	2000	<u>146</u>
6.	Calcium (Ca), mg/l. Max.	75	200	<u>21</u>
7.	Chloride mg/l. Max.	250	1000	<u>16</u>
8.	Total Alkalinity (as Ca, CO ₃), mg/l, Max	200	600	<u>124</u>
9.	Total Hardness (as Ca, CO ₃), mg/l, Max	300	600	<u>115</u>
10.	Residual Chlorine (as Cl), mg/l, Max.	0.2	1.0	—
11.	Fluorides (as F), mg/l, Max	1.0	1.5	—
12.	Nitrate (as NO ₃), mg/l, Max	45	45	—
13.	Sulphate (as SO ₄), mg/l, Max	200	400	—
14.	Iron (as Fe), mg/l	0.3	0.3	—

Bacteriological Parameters :

- | | |
|---|-------------|
| 1. Test for Total Coliform by MPN method with Maconky Broth | 10m/x..... |
| 2. Test for Fecal Coliform by MPN method with A1 Broth
(Conducted if Total Coliform present) | 1m/x..... |
| | 0.1m/x..... |
| 3. H ₂ S Kit black colour observed/no change in colour | |

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 parameters

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

This Report valid for 6 month

Principal
Smt Baba Nidhan Singh J
Public School, Kartarpur

Miss Jasleen Kaur
Laboratory Incharge
District Water Testing Laboratory,
Jalandhar

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

ANALYSIS REPORT OF WATER SAMPLE

30/4/2021

Particular of Sample

Sample No. 432

1. Name of Place <u>Sant Baba Nidhan Singh Ji public school Kartarpur</u>			
District <u>Jalandhar</u>	Block <u>Al west</u>	Village <u>Kartarpur</u>	Depth <u>280 ft</u>
2. Source of the sample (Tick) Canal / Tubewell / Hand Pump / Any Other <u>T/W</u>			
3. Name / Designation of the person who collected the sample <u>Sample not collected By lab person</u>			
4. (i) Date of Time of receipt in the Lab <u>29/4/2021</u>		(ii) Commencement of Test <u>30/4/2021</u>	
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>Odourless</u>
4.	pH	6.5 to 8.5	No relaxation	<u>7.98</u>
5.	Total Dissolved Solids mg / l Max.	500	2000	<u>310</u>
6.	Calcium (Ca), mg/l. Max.	75	200	<u>37</u>
7.	Chloride mg/l. Max.	250	1000	<u>32</u>
8.	Total Alkalinity (as Ca, CO ₃), mg/l, Max	200	600	<u>296</u>
9.	Total Hardness (as Ca, CO ₃), mg/l, Max	300	600	<u>384</u>
10.	Residual Chlorine (as Cl), mg/l, Max.	0.2	1.0	<u>NIL</u>
11.	Fluorides (as F), mg/l, Max	1.0	1.5	-
12.	Nitrate (as NO ₃), mg/l, Max	45	45	-
13.	Sulphate (as SO ₄), mg/l, Max	200	400	-
14.	Iron (as Fe), mg/l	0.3	0.3	-

Bacteriological Parameters :

- Test for Total Coliform by MPN method with Maconky Broth 10m/x.....
- Test for Fecal Coliform by MPN method with A1 Broth (Conducted if Total Coliform present) 1m/x.....
- H₂S Kit black colour observed/no change in colour 0.1m/x.....

Report :

- The water is potable / ~~not potable~~
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Miss Jamineen Kaur
Laboratory Incharge
District Water Testing Laboratory,
Jalandhar



 Sant Baba Nidhan Singh / Sant Baba Nidhan Singh Ji
 Public School, Kartarpur