

DEPARTMENT OF WATER SUPPLY & SANITATION
DISTRICT LEVEL WATER TESTING LABORATORY, MOGA
ANALYSIS REPORT OF WATER SAMPLES

Particulars of Samples

	<u>Date of Receipt</u>	<u>Date of Testing</u>
	01.04.2021	01.04.2021
1) Place/Name of Village	Akai Academy School Purane Wala	
2) Block/District	Moga-1/Moga	
3) Source	Submersible Motor	
4) Date and Time of Collection	01.04.2021	
5) Depth	--	Mtr.
6) Spring Level	--	Mtr.
7) Name and designation of the Person collecting the sample	Mr. Inderjit Singh	

TEST RESULTS

PHYSICAL AND CHEMICAL

		<u>Desirable Limit</u>	<u>Permissible Limit</u>
1) Turbidity (NTU)	0.20	5	10
2) Colour (Units on Pt-Co scale)	--	5	25
3) Taste and Odour (Qualitative)	--	Agreeable	
4) pH	7.69	6.5 to 8.5 No relaxation	
5) Total Alkalinity (as CaCO ₃) mg/l	210	200	600
6) Hardness (as CaCO ₃) mg/l			
(a) Total Hardness	160	200	600
(b) Calcium	28.06	75	200
(c) Magnesium	--		
(d) Carbonate	--		
(e) Non-Carbonate	--		
7) Chlorides (as Cl) mg/l	64	250	1000
8) Sulphates (as SO ₄) mg/l	--	200	400
9) Fluorides (as F) mg/l	0.50	1	1.5
10) Nitrate (as NO ₃) mg/l	--	45	No relaxation

11) Iron (as Fe) mg/l	--	0.3	No relaxation
12) Residual Chlorine (as Cl) mg/l	--	0.2	--
13) Conductivity (microsiemens or TDS)	379	500	2000

BACTERIOLOGICAL

1) Plate Ecount (colonies/ml)	--	--	--
2) Caliform Organisms (MPN/100 ml)	--	0	0

Remark : (In view of the above analysis)

- 1) The water is potable as per the parameters tested above.
- 2) The following parameters are more than the acceptable, but less than the cause for rejection limits.TA

ATTESTED

Sushma

CHEMIST/J.E. Incharge,
Distt. Water Testing Laboratory,
Water Supply & Sanitation Division,
Moga.

1. Sample (s) not drawn by us unless otherwise stated.
2. Whole water sample consumed in testing.
3. This report is not for Legal Purpose.