

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

Particulars of Samples

	<u>Date of Receipt</u> 18.01.2024	<u>Date of Testing</u> 18.01.2024
1) Place/Name of Village	SFC Public School, Fatehghar Korotana	
2) Block/District	Dharamkot/Moga	
3) Source	RO	
4) Date and Time of Collection	18.01.2024	
5) Depth	Mtr.	
6) Spring Level	Mtr.	
7) Name and designation of the Person collecting the sample	Shreenam Jindal Principal	

TEST RESULTS

PHYSICAL AND CHEMICAL

	Desirable Limit	Premissible Limit
1) Turbidity (NTU)	0.10	5
2) Colour (Units on Pt-Co scale)	--	5
3) Taste and Odour (Qualitative)	--	25
4) pH	7.5	Agreeable
5) Total Alkalinity (as CaCO ₃) mg/l	40	6.5 to 8.5 No relaxation
6) Hardness (as CaCO ₃) mg/l		200 600
(a) Total Hardness	80	
(b) Calcium	16.03	200 600
(c) Magnesium	--	75 200
(d) Carbonate	--	

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(e) Non-Carbonate	--		
7) Chlorides (as Cl) mg/l	20	250	1000
8) Sulphates (as SO ₄) mg/l		200	400
9) Fluorides (as F) mg/l	0.01	1	1.5
10) Nitrate (as NO ₃) mg/l	0	45	No relaxation
11) Iron (as Fe) mg/l	0	0.3	No relaxation
12) Residual Chlorine (as Cl) mg/l	--	0.2	--
13) Conductivity (microsiemens or TDS)	21.5	500	2000

BACTERIOLOGICAL

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

Remark : (In view of the above analysis)

1) The water is potable as per the parameters tested above.

ATTESTED

S. K. Singh
CHEMIST, 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.

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