



SULTANPUR JAL NIGAM(Rural) LABORATORY

CHEMICAL ANALYSIS OF WATER

Test Report

5 NO

1 Source of sample – Water sample, Stella Maris Convent School, Civil Lines, Sultanpur, U.P.

पत्र संख्या 265/मप्रज

2 Date of Sampling Received - 17/05/2024

दिनांक 29/05/2024.

Date of Analysis - 17/05/2024

Physico Chemical Parameter	BIS Limits IS 10500 : 2012		Result of test
	Requirement (Desirable Limit) Mg/l	Permissible limit In the absence of Alternate source Mg/l	
4 Total Dissolved solids	500	2000	351
5 Hardness Total as CaCO ₃	200	600	188
6 Hardness Temporary as CaCO ₃	NS	NS	94
7 Hardness Permanent as CaCO ₃	NS	NS	94
8 Chlorine as Chlorides Cl	250	1000	100
9 Total Alkalinity as CaCO ₃	200	600	50
10 Nitrites as NO ₂	NS	NS	NIL
11 Iron as Fe	0.3	No relaxation	NIL
12 Fluoride as F	1.0	1.5	0.8
13 Colour Hazen Unit	5	1.5	Colourless
14 Taste	Agreeable	Agreeable	Net tested
15 Odour	Agreeable	Agreeable	Odourless
16 pH Value	6.5 to 8.5	No relaxation	7.2
17 Conductivity as μ mosh at 20°C	NS	NS	501
18 Turbidity NTU	1	5	1
19 Free Residual Chlorine	0.2	NS	Nil

Remarks

Chemist

Potable

Ex. Engg. (HQ)

Executive Engineer
Jal Nigam (Rural)
Sultanpur (U.P.)

Copy forwarded for information to

1. The addl. Director, State Health Institute, Sector-C. Chetan Bihar, Aliganj, Lucknow, UP.
2. Chief Medical Officer, Sultanpur.
3. Mukhya Nagar Swasthya Adhikari, Nagar Nigam. Sultanpur.
4. Chair person Nagar Nigam, Sultanpur.



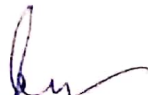



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Result of the Bacteriological examination of the Water taken from Water Sample

Name & Designation of the person collecting the sample SR. Maria Nancy (PRINCIPAL)

S No	Date & time of collection	Date of receipt and inoculation	Source of Sample	Colony Count on agar plate in 1 ml		Presumptive coliform count			Probable No of coliform organism in 100 ml. of original water	Free residual chlorine mg/l	Remarks	
						Quantity of water put up in each tube/No. of tubes put up	50 ml	10 ml				1 ml
				At 37°C in 48 hours	At room temperature in 72 hours		1	5				5
1	17/05/2024	17/05/2024	Water Sample Stella Maris, Convent Sec School Civil Lines, Sultanpur, U.P	—	—		0	0	0	0	NIL	Excellent


Chemist


Ex. Engineer
Executive Engineer
Jal Nigam (Rural)
Sultanpur (U.P.)

