



# PRAYAGRAJ JAL KAL VIBHAG LABORATORY

## CHEMICAL ANALYSIS OF WATER

### Test Report

S NO

1. Source of sample – Water sample, ST. VISHNA R.R.N. SCHOOL-

79-Mundera- Prayagraj, UTTAR PRADESH

पत्र संख्या.. 30/म.प्र.ज.....

2. Date of Sampling- 27/03/2024 Received

दिनांक...04/04/2024

3. Date of Analysis- 28/03/2024


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 <sub>3</sub>	200	600	188
6. Hardness Temporary as CaCO <sub>3</sub>	NS	NS	94
7. Hardness Permanent as CaCO <sub>3</sub>	NS	NS	94
8. Chlorine as Chlorides Cl	250	1000	100
9. Total Alkalinity as CaCO <sub>3</sub>	200	600	50
10. Nitrites as NO <sub>2</sub> *	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 $\mu$ mosh at 20°C	NS	NS	501
18. Turbidity NTU	1	5	1
19. Free Residual Chlorine	0.2	NS	Nil

NS=Not Specified

Remarks

Potable

  
Chemist

  
Ex.Engg.(HQ)  
**Executive Engineer**  
**Jal Nigam**  
**Prayagraj**

#### Copy forwarded for information to

1. The addl. Director, State Health Institute, Sector-C. Chetan Bihar, Aliganj, Lucknow. UP.
2. Chief Medical Officer, Prayagraj.
3. MukhyaNagar SwasthyaAdhikari, Nagar Nigam. Prayagraj.
4. Nagar Ayukta, Nigar Nigam, Prayagraj.
5. The Superintending Engineer (R&D) office of Addl. Chief Engineer (PPR&D), U.P. Jal Nigam, 6 RanaPratapmarg, Lucknow.

# PRAYAGRAJ JAL KAL VIBHAG LABORATORY

Result of the Bacteriological examination of the Water taken from Water Sample  
 Name & Designation of the person collecting the sample: Mrs. Asha Tripathi (PRINCIPAL)

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			
				At 37°C in 48 hours	At room temperature in 72 hours					Quantity of water put up in each tube/No. of tubes put up	50 ml.	10 ml.
1.	27/03/2024	28/03/2024	Water Sample ST. VISHNA R.R.N. SCHOOL-79- Mundera- Prayagraj, UTTAR PRADESH	—	—	0	0	0	0	0	NIL	Excellent

Chemist



Ex. Engineer (HQ)



**Executive Engineer**  
**Jal Nigam**  
**Prayagraj**