

# ALLAHABAD JAL KAL VIBHAG LABORATORY

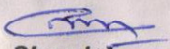
Result of the Bacteriological examination of the Water taken from Water Sample


Name & Designation of the person collecting the sample Principal

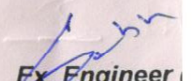
Date & time of collection	Date of receipt and inoculation	Source of Sample	Colony Count on agar plate in 1 ml.		Presumptive coliform count	Probable No. of coliform organism in 100 ml. of original water	Free residual chlorine mg/l	Remarks				
			At 37°C in 48 hours	At room temperature in 72 hours					Quantity of water put up in each tube/No. of tubes put up	50 ml.	10 ml.	1 ml.
										1	5	5
25/9/2021	25/9/2021	Water Sample				0	1	0	1	Nil	Satisfy	

Kendriya Vidyalga  
New Cant. Campus  
Prayagraj

Note: Proper chlorination.

  
Chemist

  
~~Chief Chemist~~ AE (HQA)

  
Ex. Engineer

[P]  
अधिसासी अभियन्ता  
जलकल विभाग  
प्रयागराज निगम-प्रयागराज

28

PRAYAGRAJ JAL KAL VIBHAG

कार्यालय महाप्रबन्धक  
जलकल विभाग नगर निगम  
प्रयागराज

CHEMICAL ANALYSIS OF WATER

Test Report

पत्र संख्या 892 म.प्र.ज.क.वि./20.21/2021  
दिनांक 29.9.2021

Sr. NO.

- 1 Source of Sample *Water Sample, Kumbhija Vidyalaya New Conth Prayagraj*
- 2 Date of Sampling *25-9-2021 Received.*
- 3 Date of Analysis *25-9-2021*

Physico Chemical Parameter	BIS Limit IS 10500: 2012		Result of Test
	Requirement (Desirable Limit) (mg/l)	Permissible limit in the absence alternate source (mg/l)	
4 Total Dissolved solids	500	2000	734
Hardness Total as CaCO3	200	600	234
5 (a) Temporary as CaCO3	NS	NS	117
(b) Permanent as CaCO3	NS	NS	117
6 Chlorine as Chlorides Cl	250	1000	100
7 Total Alkalinity as CaCO3	200	600	50
8 Nitrites as NO2	NS	NS	Nil
9 Iron as Fe	0.3	No relaxation	0.1
10 Fluoride as F	1.0	1.5	0.6
11 Colour Hazen Unit	5	1.5	Colourless
12 Taste		Agreeable	Not taste d
13 Odour		Agreeable	Odourless
14 pH Value	6.5 to 8.5	No relaxation	7.8
15 Conductivity as μmhos at 20°C	NS	NS	1050
16 Turbidity NTU	1	5	1.2
17 Free Residual Chlorine	0.2	NS	Nil

Remark

*Slight hardness otherwise Patable*

*[Signature]*  
Chemist

*[Signature]*  
A E (HR)

*[Signature]*  
Ex.Engg. (HQ)

End No

J.K

Dated: अधिशासी अभियन्ता (प्र)  
जलकल विभाग  
नगर निगम-प्रयागराज

Copy forwarded for information to:

- 1 The addl. Director, State Health Institute, Sector-C, Chetan Vihar, Aliganj, Lucknow
- 2 Chief Medical Officer, Prayagraj.
- 3 Mukhya Nagar Swasthya Adhikari, Nagar Nigam, Prayagraj.
- 4 Nagar Ayukta, Nagar Nigam, Prayagraj.
- 5 The superintending Engineer (R&D) office of Addl. Chief Engineer (PPR&D), U.P. Jal Nigam, 6 Rana Pratap Marg, Lucknow.
- 6 Chairman, Jal Kal Vibhag/ Mayour, Nagar Nigam, Prayagraj.

Ex.Engg. (HQ)