



**ALLAHABAD JAL KAL VIBHAG LABORATORY**  
CHEMICAL ANALYSIS OF WATER  
Test Report

कार्यालय महाप्रबन्धन  
जलकल विभाग-नगर 1  
13 इलाहाबाद  
पर संख्या... 65 म.प्र.ज.क.वि./2019  
दिनांक. 28/12/2019

Sl. No. 1 Source of Sample *Water sample, St. Peter's Academy Campus, 332, Govindpur*  
2 Date of Sampling *28-12-2019*  
3 Date of Analysis *28-12-2019*  
*Behind Pauer House, Allahabad.*  
*from Mangor.*

Physico Chemical Parameter	BIS Limit IS 10500 : 1991		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. Free and saline Ammonia	NS	NS	NiL
6. Albuminoid ammonia	NS	NS	NiL
7. Dissolved Oxygen	min 5.0	NS	—
8. Hardness Total as CaCO <sub>3</sub>	300	600	236
(a) Temporary as CaCO <sub>3</sub>	NS	NS	118
(b) Permanent as CaCO <sub>3</sub>	NS	NS	118
9. Chlorine as Chlorides Cl	250	1000	90
10. Total Alkalinity as CaCO <sub>3</sub>	200	600	45
11. Nitrites as NO <sub>2</sub>	NS	NS	NiL
12. Nitrates as NO <sub>3</sub>	45	100	NiL
13. Iron as Fe	0.3	1.0	0.1
14. Fluoride as F	1.0	1.5	0.6
15. Colour Hazen Unit	5	25	Colourless
16. Taste	Agreeable		Not tasted
17. Odour	Unobjectionable		Odourless
18. pH Value	6.5 to 8.5 No relaxation		7.2
19. Conductivity as $\mu$ mhos at 20°C	NS	NS	502
20. Turbidity NTU	5	10	1
21. Free Residual Chlorine	0.2	NS	NiL

Remarks *Palatable*

*[Signature]*  
Chemist

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

End No.

J.K.I

Dated : Allahabad .....20

Copy forwarded for information to :

- The Addl. Director, State Health Institute, Sector-C, Chetan Vihar, Aliganj, Lucknow, U.P.
- Chief Medical Officer, Allahabad.
- Mukhya Nagar Swasthya Adhikari, Nagar Nigam, Allahabad.
- Nagar Ayukta, Nagar Nigam, Allahabad.
- The Superintending Engineer (R & D), Office of Addl. Chief Engineer (PPR & D), U.P. Jal Nigam, 6, Rana Pratap Marg, Lucknow.
- Chairman, Jal Kal Vibhag/Mayor, Nagar Nigam, Allahabad

*[Signature]*  
**MANAGER**  
St. Peter's Academy  
Govindpur, Allahabad

*[Signature]*  
**PRINCIPAL**  
St. Peter's Academy  
Govindpur, Prayagraj

Ex. Engg. (HQ)

# ALLAHABAD JALKAL VIBHAG LABORATORY

Result of the Bacteriological examination of the Water taken from Water Sample  
 Name & Designation of the person collecting the sample Mr. Rajendra Prasad Choudhary

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.			
28-12-19	28-12-19	Water Sample St. Peter's Academy Campus. 332, Govindpur Behind power house Allahabad.			1	5	5	0	N/L	Excellent

  
 MANAGER  
 St. Peter's Academy  
 Govindpur, Allahabad

*Mohd. Athar Khan*  
 PRINCIPAL  
 St. Peters Academy  
 Govindpur, Prayagraj

  
 Chemist

Chief Chemist

  
 Ex. Engineer (HQ)  
 (P.T.O.)