



कायलय महाप्रबन्धक
जलकल विभाग-नगर निगम
प्रयागराज
पत्र संख्या 919/म.प्र.ज.क.क-2
दिनांक 02.08.2022

PRAYAGRAJ JAL KAL VIBHAG LABORATORY

CHEMICAL ANALYSIS OF WATER

Test Report

Sl. NO

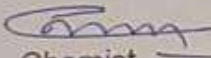
1. Source of sample *Water Sample, Little blossoms concert school Sanai mandi*
 2. Date of Sampling *29-07-2022 Received*
 3. Date of Analysis *29-07-2022*
- Ajuhn Kaushambi*


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	164
5. Hardness Total as CaCO ₃	200	600	100
6. Hardness Temporary as CaCO ₃	NS	NS	50
7. Hardness Permanent as CaCO ₃	NS	NS	50
8. Chlorine as Chlorides Cl	250	1000	42
9. Total Alkalinity as CaCO ₃	200	600	21
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	0.4
13. Colour Hazen Unit	5	15	Colourless
14. Taste	Agreeable	Agreeable	Not tasted
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	234
18. Turbidity NTU	1	5	0.5
19. Free Residual Chlorine	0.2	NS	Nil

NS=Not Specified

Potable

Remarks


Chemist


Ex. Engg. (HQ)
अधिसाक्षी अभियन्ता (मुख्यालय)
जलकल विभाग, नगर निगम
प्रयागराज

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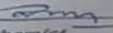
- 1 The addl. Director, State Health Institute, Sector-C, Chetan Bihar, Aliganj, Lucknow, U.P.
- 2 Chief Medical Officer, Prayagraj.
- 3 Mukhya Nagar Swasthya Adhikari, Nagar Nigam, Prayagraj.
- 4 Nagar Ayukta, Nigar Nigam, Prayagraj.
- 5 The Suprintending Engineer (R&D) office of Addl. Chief Engineer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

EX. Engg. (HQ)

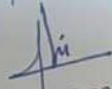
ALLAHABAD JAL KAL VIBHAG LABORATORY

Result of the Bacteriological examination of the Water taken from Water Sample
 Name & Designation of the person collecting the sample Mr Jagdish Kumar Manager

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
				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			
	29/7/2022	29/7/2022	Water Sample Little blossoms convent School, Sani mandi Ajaha Kaushambi U.P.				1	5	5	0	Nil Potable (Excellent)


Chemist

Chief Chemist



Ex. Engineer (HQ)
 अधिशाही अभियन्ता (मुख्यालय)
 जलकल विभाग, नगर निगम
 प्रयागराज