



PRAYAGRAJ JAL KAL VIBHAG LABORATORY

CHEMICAL ANALYSIS OF WATER

Test Report

S NO

1. Source of sample – Water sample, Royal International School,
Beeja Nagar Road, Mahoba, U.P.

पत्र संख्या 557 / म.प्र.ज. 1


2. Date of Sampling- 17/03/2024 Received
of Analysis- 17/03/2024

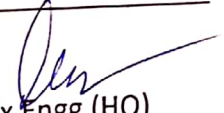
दिनांक 27 / 03 / 2024. Date

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

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 Palika. Mahoba.
4. Chair person Nagar Palika, Mahoba.
5. The Superintending Engineer (R&D) office of Addl. Chief Engineer (PPR&D), U.P. Jal Nigam, 6 RanaPratapmarg, Lucknow.




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

Name & Designation of the person collecting the sample MR. Kamal Kumar Yadav (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 ml.
							1	5				5
1.	17/03/2024	17/03/2024	Water Sample Royal International School, Beeja Nagar Road, Mahoba, U.P	—	—		No. of tube showing positive reaction			0	NIL	Excellent
							0	0	0			


Chemist


Ex. Engineer (HQ)
Executive Engineer
Jal Nigam
Prayagraj

