



ALLAHABAD JAL KAL VIBHAG LABORATORY
CHEMICAL ANALYSIS OF WATER

Test Report

विवरण / १००००००० / २०१२०
 दिनांक

Sl. No.

1. Source of Sample *Swatanter Aksharabharati School Campus Saket Marg, Sultanpur, Allahabad*
2. Date of Sampling *30/10/22*
3. Date of Analysis *30/10/22*

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	340
5. Free and saline Ammonia	NS	NS	-
6. Albuminoid ammonia	NS	NS	-
7. Dissolved Oxygen	Min 5.0	NS	-
8. Hardness Total as CaCO ₃	300	600	288
(a) Temporary as CaCO ₃	NS	NS	145
(b) Permanent as CaCO ₃	NS	NS	138
9. Chlorine as Chlorides Cl	250	1000	90
10. Total Alkalinity as CaCO ₃	200	600	45
11. Nitrites as NO ₂	NS	NS	NIL
12. Nitrates as NO ₃	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 Perish
17. Odour	Unobjectionable 6.5 to 8.5 No reaction		odorless
18. pH Value	NS	NS	7.0
19. Conductivity as umhos at 20°C	NS	NS	590
20. Turbidity NTU	5	10	1
21. Free Residual Chlorine	0.2	NS	NIL

NS= Not Specified

Remarks

Perishable

Chemist *[Signature]* Chief-Chemist *[Signature]* Ex. Engg. (HQ) *[Signature]*
 End. No. /JK/ Dated: Allahabad20

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Result of Bacteriological examination of the Water taken from water Sample

Name & Designation of the person collecting the sample Mr. Rajendra prasad 2 Chemist

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° in 48 hours	At room temperature in 72 hours	Quantity of water pul up in each tube/No. of tubes pul up	50 ml	10 ml				1 ml
							1	5				5
	30/10/19	30/10/22	water Sample Sankar International School, Campus Saket Nagar, Gulem Sarai Prayagraj						000	nil	Excellent	

[Signature]
Chemist

Chief-Chemist-

[Signature]
Ex. Engineer (HQ)
[P.T.O.]