



कार्यालय महाप्रबन्धक  
जलकल विभाग-नगर निगम  
प्रयागराज

पत्र संख्या: 61/म.प्र.ज. / 2024  
दिनांक: 29.07.2024

## PRAYAGRAJ JAL KAL VIBHAG NAGAR NIGAM CHEMICAL ANALYSIS LABORATORY

Report No. DW/01/LAB2024-07/18

Date: 29.07.2024


### DRINKING WATER ANALYSIS REPORT

1	Name & Address	<b>EWING CHRISTIAN PUBLIC SCHOOL (712, MUTTHIGANJ PRAYAGRAJ- 211003)</b>
2	Sample Collected by	By Party
3	Nature of Sample	<b>Drinking Water</b>
4	Date of Sample Collection	25.07.2024
5	Date of Sample Receiving	25.07.2024
6	Date of Analysis Completed	29.07.2024

S.N.	PHYSICAL PARAMETERS	UNITS	OBSERVED VALUE	STANDARDS (IS 10500-2012)	
				Desirable Limit	Permissible Limit
1.	Colour, units.	-	Colourless	-	-
2.	Odour	Agreeable	Odourless	Agreeable	
3.	Temperature	°C	29.0	-	
4.	Turbidity	NTU	0.4	5	10
5.	Conductivity at 25°C	µmho/cm	858.0	-	
<b>CHEMICAL PARAMETERS</b>					
6.	pH	-	7.4	6.5 to 8.5	No Relaxation
7.	Suspended Solids	mg/L	NIL	-	-
8.	Dissolved Solids	mg/L	412.0	500	2000
9.	Total Solids	mg/L	412.0	-	
10.	Total Alkalinity (as CaCO <sub>3</sub> )	mg/L	89.0	200	600
11.	Total Hardness (as CaCO <sub>3</sub> )	mg/L	110.0	200	600
12.	Chlorides (as Cl)	mg/L	87.0	250	1000
13.	Sulphate (as SO <sub>4</sub> )	mg/L	57.0	200	400
14.	Phosphate (as PO <sub>4</sub> ) mg/l	mg/L	0.8	-	-
15.	Fluoride (as f) mg/l	mg/L	Nil	1.0	1.5
16.	Nitrate (as NO <sub>3</sub> )	mg/L	0.98	45.0	100.0
17.	Iron (Fe)	mg/L	0.1	0.3	1.0
<b>BACTERIOLOGICAL PARAMETERS</b>					
18.	Total Coliform	MPN/100ml	Absent	Absent	-
19.	E. Coli	MPN/100ml	Absent	Absent	-

\*Note: The water is suitable for drinking purposes-

  
Analyst

  
(Laboratory In-charge)

  
JE(HQ)

  
E.E(HQ)

अधिसापी अभियन्ता (मुख्यालय)  
जलकल विभाग, नगर निगम  
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Note: 1. The above results are related only to the test performed on the sample. 2. This report is not to be reproduce wholly or in part and can not be used as an evidence in the court of law and should not be used in any advertising media without our special permission in writing. 3. sample will be destroyed in the after fifteen days from the date of reporting.