कार्यालय अधिशासी अभियन्ता (मु०)
जलकल विभाग-नगर निगम प्रयागराज
पत्र सं० 232 मु०ज०क०वि०
दिनांक 07.09.26

JAL KAL VIBHAG NAGAR NIGAM PRAYAGRAJ
CHEMICAL ANALYSIS LABORATORY

Report No. DW/01/LAB2026-08/20 **Date: 07.09.2026**

DRINKING WATER ANALYSIS REPORT

1	Name & Address	**BRIJ BEHARI SAHAI VIDYA MANDIR, KADILPUR, PRAYAGRAJ**
2	Sample Collected by	By Party
3	Nature of Sample	**DRINKING WATER**
4	Date of Sample Collection	31.08.2026
5	Date of Sample Receiving	31.08.2026
6	Date of Analysis Completed	07.09.2026

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	27.3	-	
4.	Turbidity	NTU	0.3	5	10
5.	Conductivity at 25°C	µmho/cm	714.0	-	
CHEMICAL PARAMETERS					
6.	pH	-	6.8	6.5 to 8.5	No Relaxation
7.	Suspended Solids	mg/L	NIL	-	-
8.	Dissolved Solids	mg/L	324.0	500	2000
9.	Total Solids	mg/L	324.0	-	
10.	Total Alkalinity (as $CaCO_3$)	mg/L	327.0	200	600
11.	Total Hardness (as $CaCO_3$)	mg/L	298.0	200	600
12.	Chlorides (as Cl)	mg/L	52.0	250	1000
13.	Fluoride (as f) mg/l	mg/L	0.1	1.0	1.5
14.	Nitrate (as NO_3)	mg/L	1.89	45.0	100.0
15.	Iron (Fe)	mg/L	0.3	0.3	1.0
BACTERIOLOGICAL PARAMETERS					
Total Coliform		MPN/100ml	Absent	Absent	-
E. coli		MPN/100ml	Absent	Absent	-

Note- based on above test the water sample found suitable for drinking purpose only ***Validity- three months***

Analyst JE(HQ) अधिशासी अभियन्ता (मु०) जलकल विभाग E.E(HQ) नगर निगम प्रयागराज

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.