



# जलकल विभाग नगर निगम, वाराणसी

TEST REPORT (As per IS 10500:2012)

Sr. No. 203

सं. 1384

दि. 11.02.2026

Details of Samples: Testing of water sample for drinking purpose and test required (As per IS 10500:2012)  
Sample collected by :

Location : .. द्वितीय फ्लोर, एआर संरक्षक - वाराणसी .....

Test Date : .. 09/02/26 से 11/02/26 .....

Witness of person : .. केमिस्ट .....

Sl.No.	Parameter	Parameter Acceptable-Permissible	Observed Values	Remarks
1	pH Value	6.5-8.5	7.0	
2	Turbidity (NTU)	1-5 (NTU)	0.8	
3	Iron (Total Iron as Fe) mg/l	0.3-1.0	0.5	
4	Sulphate (as So <sub>4</sub> ) (mg/l)	200-400	107	
5	Chloride (as CL) (mg/l)	250-1000	94	
6	Residual Free Chlorine (Mg/l)	0.2-1.0	0.4	
7	Alkanity (mg/l as CaCo <sub>3</sub> )	200-600	166	
8	Arsenic (as AS) (mg/l)	0.01-0.01	0.0	
9	MPN/100ml	0.0-0.0	0.0	
10	TDS (mg/l)	500-2000	180	
11	Colour (Hazen Units)	5-15	8	
12	Hardness (mg/l) as Caco <sub>3</sub>	200-600	259	
13	Fluoride (mg/l) as F	1.0-1.5	1.0	
14	Magnesium (PPM)	30-100	61	
15	Nitrate as No <sub>3</sub>	0.1-0.1	0.0	
16	Dissolved Oxygen (PPM)	0-20	7.9	
17	Taste & Odour	Unobjectionable	Unobjectionable	
18	Calcium (mg/l)	75-200	76	
19	Conductivity	200-800 /cm	310	

b. Report of suitability of water for drinking purpose

केमिस्ट  
जलकल विभाग, नगर निगम  
Signature Chemist