



Dt-04-07-2024

Solapur Municipal Corporation, Solapur
Public Health Engineer Department

Indrabhuvan Railway Line, Punyashlok Appasheb varad Peth, Solapur-413003

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Water Testing Report Bhavani Peth WTP

Sr.No.	Test Parameter	Raw Water	Treated Water	BIS Specification 10500:2012 Normal Values	
				Desirable Limits	Permissible Limits
1	Physical appearance	colourless	colourless		
2	Odour	odourless	odourless	Agreeable	Agreeable
3	Turbidity (as NTU)	1.8	0.7	1.0	5.0
4	pH Values	6.98	7.03	6.5 to 8.5	No relaxation
5	Chlorides (as Cl)	74.48	72.97	250	1000
6	Ammonia	Absent	Absent	0.5	No relaxation
7	Total hardness (as CaCO ₃)	210	200	200	600
8	Alkalinity (as CaCO ₃)	90	85	200	600
9	Total Dissolved solids	295	298	500	2000
10	Residual chlorine		4.5		
11	Dissolved Oxygen	-		6.5	8.0
12	Electrical conductivity	-			
13	Temperature	-			
14	Bacterial count (MPN)	16	0		

S. P. Jadhav
Chemist
Bhavani Peth WTP