



16-08-2023

# Solapur Municipal Corporation, Solapur

## Public Health Engineer Department

Indrabhuvan Railway Line, Punyashlok Appasaheb 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).	3.3	0.4	1.0	5.0
4	pH Values	7.14	7.04	6.5 to 8.5	No relaxation
5	Chlorides (as Cl)	74.97	69.48	250	1000
6	Ammonia	Absent	Absent	0.5	No relaxation
7	Total hardness (as CaCO <sub>3</sub> )	220	210	200	600
8	Alkalinity (as CaCO <sub>3</sub> )	100	95	200	600
9	Total Dissolved solids	288	296	500	2000
10	Residual chlorine	—	4.0	—	—
11	Dissolved Oxygen	—	—	6.5	8.0
12	Electrical conductivity	—	—	—	—
13	Temperature	—	—	—	—
14	Bacterial count (MPN)	16	0	—	—

S. D. Jadhav  
Chemist  
Bhavani Peth WTP