



**Solapur Municipal Corporation, Solapur**  
Public Health Engineer Department

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PHE/BHIMA- 1384  
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**Water testing report of Soregaon WTP**

Sr.No	Test Parameter	Raw Water	Treated Water	BIS Specification 10500 : 2012 Normal values	
				Desirable Limits	Permissible Limits
1	Physical appearance	Slightly greenish	Clear		
2	Odour	Odourless	Odourless	Agreeable	Agreeable
3	Turbidity (as NTU)	4.2	0.6	1.0	5.0
4	pH Values	8.06	7.74	6.5 to 8.5	No relaxation
5	Chlorides (as Cl)	306.95	302.95	250	1000
6	Ammonia	Absent	Absent	0.5	No relaxation
7	Total Hardness (as CaCO <sub>3</sub> )	400	390	200	600
8	Alkalinity (as CaCO <sub>3</sub> )	290	280	200	600
9	Total Dissolved Solids	1010	1016	500	2000
10	Residual chlorine	—	4.5	—	—
10	Dissolved oxygen	—	—	6.5	8.0
11	Electrical conductivity	—	—		
12	Bacterial count (MPN)	—	—		

*RSK*  
Chemist  
Soregaon WTP

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