



**Solapur Municipal Corporation, Solapur**

Public Health Engineer Department

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PHE/BHIMA-1629

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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 turbid	Clean		
2	Odour	Odourless	Odourless	Agreeable	Agreeable
3	Turbidity (as NTU)	25	0.6	1.0	5.0
4	pH Values	7.42	6.91	6.5 to 8.5	No relaxation
5	Chlorides (as Cl)	98.99	96.99	250	1000
6	Ammonia	Absent	Absent	0.5	No relaxation
7	Total Hardness (as CaCO <sub>3</sub> )	160	150	200	600
8	Alkalinity (as CaCO <sub>3</sub> )	170	165	200	600
9	Total Dissolved Solids	282	286	500	2000
10	Residual chlorine	-	4.5	--	--
11	Dissolved oxygen	1.7	7.2	6.5	8.0
12	Bacterial count (MPN)	Samples taken & kept for incubation.			

*R.S.K*  
**Chemist**  
**Soregaon WTP**