



Solapur Municipal Corporation, Solapur

Public Health Engineer Department

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PHE/BHIMA-1324

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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	8.01	7.64	6.5 to 8.5	No relaxation
5	Chlorides (as Cl)	224.95	219.25	250	1000
6	Ammonia	Absent	Absent	0.5	No relaxation
7	Total Hardness (as CaCO ₃)	360	350	200	600
8	Alkalinity (as CaCO ₃)	260	250	200	600
9	Total Dissolved Solids	750	756	500	2000
10	Residual chlorine	-	4.5	-	-
10	Dissolved oxygen	1.2	6.7	6.5	8.0
11	Electrical conductivity	-	-		
12	Temperature	-	-		
13	Bacterial count (MPN)	Samples taken & kept for incubation			

R.S.K.
Chemist
Soregaon WTP