



Solapur Municipal Corporation, Solapur

Public Health Engineer Department

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PHE/BHIMA-1641

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	Clean	Clean		
2	Odour	Odourless	Odourless	Agreeable	Agreeable
3	Turbidity (as NTU)	4.2	0.6	1.0	5.0
4	pH Values	7.64	7.12	6.5 to 8.5	No relaxation
5	Chlorides (as Cl)	104.95	101.95	250	1000
6	Ammonia	Absent	Absent	0.5	No relaxation
7	Total Hardness (as CaCO ₃)	170	165	200	600
8	Alkalinity (as CaCO ₃)	180	170	200	600
9	Total Dissolved Solids	312	317	500	2000
10	Residual chlorine	—	4.5	--	--
11	Dissolved oxygen	2.1	6.9	6.5	8.0
12	Bacterial count (MPN)	3 + + +ve	no any change		

R.S.H.
Chemist
Soregaon WTP