



Solapur Municipal Corporation, Solapur

Public Health Engineer Department

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PHE/BHIMA- 1395

दि. 13/2/2023

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	Agreeable	Agreeable
2	Odour	Odourless	Odourless	1.0	5.0
3	Turbidity (as NTU)	5.2	0.8	6.5 to 8.5	No relaxation
4	pH Values	8.16	7.89	250	1000
5	Chlorides (as Cl)	314.95	309.95	0.5	No relaxation
6	Ammonia	Absent	Absent	200	600
7	Total Hardness (as CaCO ₃)	420	410	200	600
8	Alkalinity (as CaCO ₃)	300	290	500	2000
9	Total Dissolved Solids	1019	1022	--	--
10	Residual chlorine	—	4.5	6.5	8.0
10	Dissolved oxygen	2.6	6.7		
11	Electrical conductivity	—	—		
12	Temperature	—	—		
13	Bacterial count (MPN)	Samples taken & kept for incubat ⁿ			

R.S./k
Chemist
Soregaon WTP