



Solapur Municipal Corporation, Solapur
Public Health Engineer Department

Indrabhuvan, Railway line, punyashlok appasaheb varad path, Solapur-413003
Tel.no.0217-2740350
Email - smcphewtr@gmail.com

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PHE/BHIMA-1480

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	Clean	Agreeable	Agreeable
2	Odour	Odourless	Odourless	1.0	5.0
3	Turbidity (as NTU)	2.6	0.5	6.5 to 8.5	No relaxation
4	pH Values	8.19	7.84	250	1000
5	Chlorides (as Cl)	129.96	126.96	0.5	No relaxation
6	Ammonia	Absent	Absent	200	600
7	Total Hardness (as CaCO ₃)	210	200	200	600
8	Alkalinity (as CaCO ₃)	180	175	500	2000
9	Total Dissolved Solids	412	417	--	--
10	Residual chlorine	-	4.5	6.5	8.0
11	Dissolved oxygen	1.9	6.7		
12	Bacterial count (MPN)	-	-		

R.S.
Chemist
Soregaon WTP