



Solapur Municipal Corporation, Solapur

Public Health Engineer Department

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

PHE/BHIMA- 1358

Pr.12/1/2022

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)	3.2	0.6	6.5 to 8.5	No relaxation
4	pH Values	7.98	7.52	250	1000
5	Chlorides (as Cl)	299.95	296.95	0.5	No relaxation
6	Ammonia	Absent	Absent	200	600
7	Total Hardness (as CaCO ₃)	370	360	200	600
8	Alkalinity (as CaCO ₃)	290	280	500	2000
9	Total Dissolved Solids	880	886	--	--
10	Residual chlorine	—	4.5	6.5	8.0
10	Dissolved oxygen	1.6	6.1		
11	Electrical conductivity	—	—		
12	Temperature	—	—		
13	Bacterial count (MPN)	16	0		

R.S.
 Chemist
 Soregaon WTP