



Government of Maharashtra

Water Resources Department

Hydrology Project (S.W.)

**WATER QUALITY LABORATORY (LEVEL-II), AURANGABAD**

Add- Near Hedgewar Hospital, Gajanan Temple to Trimurti chowk Road, Aurangabad.

Phone:- (0240) 2355410, 2321428. Email:- [wqlabad@gmail.com](mailto:wqlabad@gmail.com), [sdehpsd.aurangabad@mahahp.org](mailto:sdehpsd.aurangabad@mahahp.org) Web:- [www.mahahp.org](http://www.mahahp.org)

NO/HP/SD/ABD/WQLAB L-II/ 579

Date:- 09.10.19

To,  
Sahyadri School,  
Gut No. 26, Patoda,  
Walmi Bajaj Gate Road,  
Aurangabad.



Subject:- Analysis Report  
Ref:- Your Letter Dated:-04.10.2019

Sir/Madam,

Please find Sample Analysis Report for the sample submitted alongwith desired parameters

**Water Analysis Report**

1. Nature of Sample: RO Water (Patoda)  
3. Date of receipt of Sample: 05.10.2019

2. Date of Sampling:05.10.2019  
4. Sample Collected By: Nilesh P. Mhaske

Sr. No.	Parameters	Results	Desirable Limits (IS 10500,2012)	Units	Method Reference
<b>Physico-Chemical Analysis</b>					
1	pH	7.7	6.5 to 8.5	--	APHA, 21 <sup>st</sup> Ed., 2005, 4500-H <sup>+</sup> - B, 4-90
2	Total Dissolved Solids	34	500 Max	mg/L	APHA, 21 <sup>st</sup> Ed., 2005, 2540 C, 2-57
3	Chloride (asCl)	6	250 Max	mg/L	APHA, 21 <sup>st</sup> Ed., 2005, 4500-Cl, B, 4-70
4	Alkalinity	9	200 Max	mg/L	APHA, 21 <sup>st</sup> Ed., 2005, 2320-B, 2-27
5	Total Hardness (as CaCO <sub>3</sub> )	13	200 Max	mg/L	APHA, 21 <sup>st</sup> Ed., 2005, 2340-C, 2-37
6	Sulphates	2	200 Max	mg/L	APHA, 21 <sup>st</sup> Ed., 2005, 4500- SO <sub>4</sub> <sup>2-</sup> , E, 4-188
7	Calcium (as Ca)	5	75 Max	mg/L	APHA, 21 <sup>st</sup> Ed., 2005, 3500-Ca, B, 3-65
<b>Bacteriological Analysis</b>					
8	Total Coliforms	Absent	Not detectable	MPN/100 ml	APHA, 21 <sup>st</sup> Ed., 2005, 9221-B, 9-49
	Fecal Coliforms	Absent	Not detectable	MPN/100 ml	APHA, 21 <sup>st</sup> Ed., 2005, 9221-E, 9-56

Yours faithfully,

V. P. Pawar  
Chief Chemist

Assistant Engineer Grade-I  
Hydrology Project Sub-Division Aurangabad

Note:

- 1.This report is not to be reproduced except in full, without written approval of the laboratory.
2. The official /Department will not be responsible for these report beyond the control of this laboratory.
3. The test result are subjected to the test sample submitted for testing to this laboratory.