

## TEST REPORT

Lab Id No. : VAL/1906/0129

Report Date: 13/06/2019

Name & Address	Receipt Date	Analysis Start Date	Analysis End Date
XXXXXX XXXXXXXX XXXXXX XXXXXXXX	08/06/2019	08/06/2019	13/06/2019

### Particulars of Sample Submitted

- 1) **Sample Name:-** Water
- 2) **Batch No/Lot No:-** Not specified
- 3) **Other Information:-** NA
- 4) **Sample Quantity:-** Approx 1 Litre
- 5) **Description:-** Sample packed in plastic bottle.
- 6) **Sample submitted by:-** Sample collected by lab personnel.
- 7) **Date of collection:-** 08/06/2019

### Analysis Results

Sr. No.	Tests	Results	Specification as per IS 10500:2012	Unit	Method Reference
<b>1. Discipline - Chemical Testing</b>					
<b>1. Group - Water</b>					
<b>Physical</b>					
1	Colour	2.0	Max - 5	Hazen	IS 3025 (part 4) 1983
2	Taste	Disagreeable	Agreeable	--	IS 3025 (part 8) 1984
3	Odour	Agreeable	Agreeable	---	IS 3025 (part 5) 1983
<b>Chemical</b>					
4	pH	7.27	6.5 - 8.5	--	IS 3025 (part 11) 1983
5	TDS	177	Max - 500	mg/l	IS 3025 (part 16) 1984
6	Turbidity	33.0	Max -1	NTU	IS 3025 (part 10) 1984
7	Total Hardness	150.0	Max - 200	mg/l	IS 3025 (part 21) 2009
8	Chlorides	13.54	Max - 250	mg/l	IS 3025 (part 32) 1988
9	Total Alkalinity as CaCO <sub>3</sub>	150.4	Max - 200	mg/l	IS 3025 (part 23) 1986
10	Calcium	43.3	Max - 75	mg/l	IS 3025 (part 40) 1991
11	Fluoride	ND<0.1	Max-1.0	mg/l	IS 3025 (Part 60) 2008
12	Sulphate	ND<2.0	Max - 200	mg/l	IS 3025 (Part 24) 1986
13	Silica	15.76	Not Specified	mg/l	IS 3025 (part 15) 1984
14	Magnesium	10.2	Max - 30	mg/l	IS 3025 (part 46) 1994
15	Conductivity	367	Not Specified	µs/cm	IS 3025 (part 14) 1984

Reference No. : VAL/TC/19060129-1, ULR - TC542619000002797F

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<b>2. Discipline - Biological Testing</b>					
<b>2. Group - Water</b>					
<b>Microbiological</b>					
16	<i>E. Coli</i>	Absent <1	Absent	Cfu/100ml	IS – 15185 : 2016
17	Total Coliform	Absent <1	Absent	Cfu/100ml	IS – 15185 : 2016

**Remarks:** - From the above values we confirm that the water does not pass in parameters to IS 10500:2012. Hence given sample is not fit for human consumption in above respective parameters only.

**Note:**

1. Results pertain only to the sample tested. Test report shall not be reproduced except in full, without written approval of the Technical Manager. 2. Sample not drawn by VAL representative. 3. Sample(s) will be retained by us for a period of 15 days for non-perishable items only. Perishable items will be destroyed after completion of test. 4. Subject to Thane Jurisdiction. 5. ND – Not detected, BLQ - Below limit of quantification, NMT – Not more than, NLT – Not less than. 6. \*Mark indicates not covered under  scope.



**Approved By**  
(Authorized signatory)