

TEST REPORT

Lab Id No. : VAL/2112/0531

Report Date: 18/12/2021

Name & Address	Receipt Date	Analysis Start Date	Analysis End Date
C P Goenka International School. IC Colony, Off Link Road, Borivali (W) – 400103.	17/12/2021	17/12/2021	18/12/2021

Particulars of Sample Submitted

- 1) Sample Name: - Water (BMC)
- 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 Sunil. 7) Date of collection:- 17/12/2021

Analysis Results

Sr. No.	Tests	Results	Specification as per IS 10500:2012	Unit	Method Reference
I. Discipline - Chemical Testing					
1. Group - Water					
Physical					
1	Colour	ND<1.0	Max - 5	Hazen	IS 3025 (part 4) 1983
2	Taste	Agreeable	Agreeable	--	IS 3025 (part 8) 1984
3	Odour	Agreeable	Agreeable	---	IS 3025 (part 5) 1983
Chemical					
4	pH	8.02	6.5 - 8.5	--	IS 3025 (part 11) 1983
5	TDS	61.0	Max - 500	mg/l	IS 3025 (part 16) 1984
6	Turbidity	ND<0.5	Max -1	NTU	IS 3025 (part 10) 1984
7	Total Hardness	47.0	Max - 200	mg/l	IS 3025 (part 21) 2009
8	Chlorides	12.83	Max - 250	mg/l	IS 3025 (part 32) 1988
9	Total Alkalinity as CaCO ₃	44.0	Max - 200	mg/l	IS 3025 (part 23) 1986
10	Calcium	10.42	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	ND<0.01	Not Specified	mg/l	IS 3025 (part 35) 1988
14	Magnesium	5.10	Max - 30	mg/l	IS 3025 (part 46) 1994
15	Conductivity	125.8	Not Specified	µs/cm	IS 3025 (part 14) 1984

2. Discipline - Biological Testing					
2. Group - Water					
Microbiological					
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 passes in parameters to IS 10500:2012. Hence sample is 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.

Sheetal Panhalkar

Approved by
Sheetal Panhalkar
(Micro, Authorised signatory)



Virendra Vora

Approved By
Virendra Vora
(QM, Authorized signatory)

Reference No. : VAL/TC/21120531-2, ULR - TC542621000008351F

.....End of Report.....

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