



TEST REPORT

Issued To:

Kendriya Vidhyalaya
Yeshwanthapura-560012
IISC Campus - Bengaluru-560012

ULR : TC746422000007028F

Report No. : RF/22110494/A
Date of Report : 29/11/2022
Sample Code No. : VF/22110494
Date of Receipt : 22/11/2022
Party Reference No.: TRF
Date : 22/11/2022
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Sample Particulars	
Name of the Sample	: RO Water
Sampling Location	: NA
Analysis Start Date	: 22/11/2022
Analysis Completion Date	: 29/11/2022
Sample Received By	: Sindhu
Sample Quantity	: 5 ltr + 250 ml
Reference for Sampling and Handling of Samples	: QA/0074,QA/0080
Note	: The sample was collected by our representative

Description : Colourless odourless liquid

Sl. No.	Test Parameter	Units	Results	Detection Limits	Acceptable limits	Permissible limits	Test Method
	Discipline: Chemical		-	-			
	Group:Water		-	-			
	Table 1 Organoleptic and physical Parameters		-	-			
1	Colour	Hazen units	<1	-	Max 5	Max 15	IS:3025(Part 4)
2	Odour	-	Agreeable	-	Agreeable	-	IS:3025(Part 5)
3	Taste	-	Agreeable	-	Agreeable	Agreeable	IS:3025(Part 7 & 8)
4	Turbidity	NTU	<0.1	-	Max 1	Max 5	IS:3025(Part 10)
5	Total dissolved solids	mg/L	291	-	Max 500	Max 2000	IS:3025(Part 16)
6	pH @ 25deg C	-	7.88	-	6.5 to 8.5	No relaxation	IS:3025(Part 11)
	Table-2 General Parameters concerning substance undesirable in excessive Amounts			-			
7	Aluminium (as Al)	mg/L	BDL	0.02	Max 0.03	Max 0.2	IS:3025(Part 55)
8	Ammonia (as total ammonia-N)	mg/L	<0.05	-	Max 0.5	No relaxation	IS:3025(Part 34)
9	Anionic Detergents (as MBAS)	mg/L	<0.1	-	Max 0.2	Max 1.0	Annex K of IS 13428
10	Barium (as Ba)	mg/L	BDL	0.1	Max 0.7	No relaxation	IS:15302
11	Boron (as B)	mg/L	<0.1	-	Max 0.5	Max 2.4	IS:3025(Part 57)
12	Calcium (as Ca)	mg/L	31.7	-	Max 75	Max 200	IS:3025(Part 40)
13	Chloramines (as Cl2)	mg/L	<1	-	Max 4.0	No relaxation	IS:3025(Part 26)
14	Chloride (as Cl)	mg/L	60.8	-	Max 250	Max 1000	IS:3025(Part 32)



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Table with 8 columns: Sl. No., Test Parameter, Units, Results, Detection Limits, Acceptable limits, Permissible limits, Test Method. Rows include parameters like Fluoride, Copper, Iron, Magnesium, Manganese, Nitrates, etc.

Note : BDL: -Below Detection Limit

Remarks : The given sample conforms to the Acceptable limits as per IS:10500:2012 Drinking water Specification for the above tested Physico-chemical and Microbiological analysis only.

Authorised Signatory
Gunavathy
General Manager



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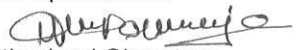
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Sl. No.	Test Parameter	Units	Results	Detection Limits	Acceptable limits	Permissible limits	Test Method
	Discipline: Biological		-		-	-	
	Group: Water		-		-	-	
1	Total Coliform	/100 ml	Not Detected		Shall not be detected	-	IS:15185:2016
2	Escherichia coli	/100 ml	Not Detected		Shall not be detected	-	IS:15185:2016

Note : BDL: -Below Detection Limit

Remarks : The given sample conforms to the Acceptable limits as per IS:10500:2012 Drinking water Specification for the above tested Physico-chemical and Microbiological analysis only.


Authorised Signatory
Krishnapriya M
Assistant Manager- Microbiology

End of Report