

## TEST REPORT

Test Report Number	BTH/REP/2023/04/059	Test Report Issue Date	25.04.2023
Sample Code Number	BTH/2023/04/023	ULR Number	-
Name & Address of the customer <sup>#</sup>	M/s. Kristu Jayanti CMI School Kannamangala, Doddaballapura Taluk, Nelamangala BENGALURU RURAL-561 203.	Reference to work order/Letter Reference <sup>#</sup>	Customer Requisition Form
Name of the Sample <sup>#</sup>	R.O. Drinking Water	Date of Receipt of Sample	06.04.2023
Sample Particulars <sup>#</sup>	-	Date of Start of Test	10.04.2023
Sample Quantity	5 litres	Date of Completion of Test	25.04.2023
Sample drawn by	By Courier	Reference to sampling procedure	Not Applicable
Date of Sampling	Not Applicable	Time/Duration of Sampling	Not Applicable
Discipline	Chemical		
Product Category	Water		
Product Sub-category	Drinking Water		

## RESULT TABLE

Sl. No	Name of the Test	Units of Measurement	Test Results	Acceptable Limits as per IS 10500:2012	Permissible Limits as per IS 10500:2012	Test Method
1	Description	-	Colourless, odourless liquid.	-	-	-
2	Colour	Hazen units	< 2	5.0	15.0	IS 3025 (Part 4)
3	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5)
4	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part 7&8)
5	pH Value	6.5 – 8.5	7.40	6.5 – 8.5	No relaxation	IS 3025 (Part 11)
6	Turbidity	NTU	0.1	1.0	6.0	IS 3025 (Part 10)
7	Total Dissolved Solids	mg/l	52.0	500	2000	IS 3025 (Part 16)
8	Aluminium as Al	mg/l	0.02	0.03	0.2	IS 3025 (Part 35)
9	Ammonia, as Total Ammonia-N	mg/l	< 0.05	0.5	No relaxation	IS 3025(Part 34)
10	Anionic Detergents, as MBAS	mg/l	< 0.2	0.2	1.0	IS 3025 (Part 68)
11	Barium. as Ba	mg/l	< 0.1	0.7	No relaxation	IS 13428
12	Boron, as B	mg/l	< 0.1	0.5	2.4	IS 3025 (Part 57)
13	Calcium, as Ca	mg/l	7.5	75.0	200.0	IS 3025 (Part 40)
14	Chloramines, as Cl <sub>2</sub>	mg/l	< 0.05	4.0	No relaxation	IS 3025 (Part 26)
15	Chlorides, as Cl	mg/l	5.4	250.0	1000.0	IS 3025(Part 32)
16	Copper, as Cu	mg/l	< 0.05	0.05	1.5	IS 3025(Part 42)
17	Fluorides, as F	mg/l	< 0.05	1.0	1.5	IS 3025(Part 60)

*Apt. Lak*  
Reviewed & Authorized By

1) When samples are not drawn by the laboratory, results relate to submitted sample.	2) All information of the customer & test sample will be maintained confidential by the laboratory
3) The test samples will be available with the laboratory for period of 1 month other than perishables	4) Information marked with # are customer supplied information for which laboratory is not responsible
5) The laboratory does not make statement of conformity on test report unless requested by customer. Measurement of Uncertainty is not considered while making statement of conformity.	6) The test results in part or full shall not be reproduced without prior permission from the laboratory. Laboratory is not responsible for photocopied test reports



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Name of the Sample <sup>#</sup>	R.O. Drinking Water	Date of Receipt of Sample	06.04.2023
Sample Particulars <sup>#</sup>	-	Date of Start of Test	10.04.2023
Sample Quantity	5 litres	Date of Completion of Test	25.04.2023
Sample drawn by	By Courier	Reference to sampling procedure	Not Applicable
Date of Sampling	Not Applicable	Time/Duration of Sampling	Not Applicable
Discipline	Chemical		
Product Category	Water		
Product Sub-category	Drinking Water		

**RESULT TABLE**

Sl. No	Name of the Test	Units of Measurement	Test Results	Acceptable Limits as per IS 10500:2012	Permissible Limits as per IS 10500:2012	Test Method
18	Free Residual Chlorine	mg/l	< 0.05	0.2	1.0	IS 3025 (Part 26 )
19	Magnesium, as Mg	mg/l	3.9	30	100	IS 3025 (Part 46)
20	Manganese, as Mn	mg/l	< 0.1	0.1	0.3	IS 3025 (Part 59)
21	Nitrates, as NO <sub>3</sub>	mg/l	0.4	45.0	No relaxation	IS 3025 (Part 34)
22	Phenolic Compounds, as C <sub>6</sub> H <sub>5</sub> OH	mg/l	Absent	0.001	0.002	IS 3025 (Part 43)
23	Selenium, as Se	mg/l	< 0.01	0.01	No relaxation	By AAS
24	Silver, as Ag	mg/l	Absent	0.01	No relaxation	By AAS
25	Sulphate, as SO <sub>4</sub>	mg/l	< 1	200	400	IS 3025 (Part 24)
26	Sulphide, as H <sub>2</sub> S	mg/l	< 0.05	0.05	No relaxation	IS 3025 (Part 29)
27	Total Alkalinity, as Calcium Carbonate	mg/l	40.3	200	600	IS 3025 (Part 23)
28	Total Hardness, as CaCO <sub>3</sub>	mg/l	34.8	200	600	IS 3025 (Part 21)
29	Zinc, as Zn	mg/l	< 0.01	5	15	IS 3025 (Part 49)
30	Cadmium, as Cd	mg/l	Absent	0.003	No relaxation	IS 3025(Part 41 )
31	Cyanide, as CN	mg/l	Absent	0.05	No relaxation	IS 3025(Part 27)
32	Lead, as Pb	mg/l	Absent	0.01	No relaxation	IS 3025(Part 47)
33	Mercury, as Hg	mg/l	< 0.001	0.001	No relaxation	IS 3025(Part 48)
34	Molybdenum, as Mo	mg/l	Absent	0.07	No relaxation	By AAS
35	Nickel, as Ni	mg/l	< 0.01	0.02	No relaxation	IS 3025(Part 54)
36	Total Arsenic, as As	mg/l	< 0.01	0.01	No relaxation	IS 3025(Part 37)
37	Total Chromium	mg/l	< 0.01	0.05	No relaxation	IS 3025(Part 52)

*Apti Lakshmi*  
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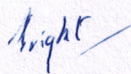
Test Report Number	BTH/REP/2023/04/059	Test Report Issue Date	11.04.2023
Sample Code Number	BTH/2023/04/023	ULR Number	-
Name & Address of the customer <sup>#</sup>	M/s. Kristu Jayanti CMI School Kannamangala, Doddaballapura Taluk, Nelamangala BENGALURU RURAL-561 203.	Reference to work order/Letter Reference <sup>#</sup>	Customer Requisition Form
Name of the Sample <sup>#</sup>	R.O. Drinking Water	Date of Receipt of Sample	06.04.2023
Sample Particulars <sup>#</sup>	-	Date of Start of Test	10.04.2023
Sample Quantity	250 ml	Date of Completion of Test	11.04.2023
Sample drawn by	By Courier	Reference to sampling procedure	Not Applicable
Date of Sampling	Not Applicable	Time/Duration of Sampling	Not Applicable
Discipline	Chemical		
Product Category	Water		
Product Sub-category	Drinking Water		

**RESULT TABLE**

S No	Name of the Test	Units of Measurement	Test Results	Specification	Test Method
1	Description	-	Colourless, clear transparent liquid collected in sterilized bottle.	-	-
2	Escherichia coli	Per 100 ml	Absent	Absent	IS 15185:2016
3	Coliform	Per 100 ml	Absent	Absent	IS 15185:2016

**Remarks:** The given sample conforms to IS 10500:2012 specification for Drinking Water in the above respect.

-End of Test Report-

  
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