



ENVIRO TEST HOUSE

(Analytical Testing Laboratory and R & D)

Certified By : ISO 9001 : 2015, ISO 45001 : 2018 & ISO 14001 : 2015

C-56, KSSIDC Industrial Estate, Veerasandra Industrial Area, Electronic City Phase-2, Hosur Road, Bangalore-560 100. Ph.: 080-2960 0330 Mob.: 98456 65241 E-mail : enquiry2022.eth@gmail.com

TEST REPORT

Customer Name & Address		M/s. SRISTI GLOBAL SCHOOL. 22/1, Sonnenahalli Main Road, Kaveri Layout, Kodigehalli, K.R Puram, Bangalore-560067.			Rep No: ETH/JAN-24/58-3 Reported Date: 17/01/2024 Customer Ref: TRF	
Sample Received Date		13/01/2024		Sample Registration Date		13/01/2024
Analysis Commenced Date		13/01/2024		Analysis Completed Date		16/01/2024
Sample Description		Raw Water (Inlet Water) ✓		Qty. Received		2 Ltrs
Sample Appearance		Clear Liquid		Sample Received Condition		Good
Sampling Details		Sample Collected by Enviro Test House Representative.				
SL. NO	PARAMETERS	UNIT	RESULTS	Requirement Acceptable Limits	Permissible limit in the absence of alternate source	TEST METHOD
				As per IS 10500: 2012		
Physico Chemical Parameters						
1	Colour	Hazen units	<1.0	5	15	IS 3025(Part -04)2021
2	Odor	--	Agreeable	Agreeable	Agreeable	IS 3025(Part -05)2018
3	pH Value @25°C	--	7.54	6.5-8.5	No relaxation	IS 3025(Part -11)1983 (RA2022)
4	Taste	--	Agreeable	Agreeable	Agreeable	IS 3025(Part -08)1984 (RA2022)
5	Turbidity	NTU	<1.0	1	5	IS 3025(Part -10)1984 (RA2022)
6	Total Dissolved Solids	mg/L	632	500	2000	IS 3025(Part -16)1984(RA2022)
General Parameters						
7	Calcium as Ca	mg/L	148.9	75	200	IS 3025(Part -40)1991(RA2019)
8	Chloride as Cl	mg/L	166.7	250	1000	IS 3025(Part -32)1988(RA2019)
9	Magnesium as Mg	mg/L	15.7	30	100	IS 3025(Part -46)1994(RA2019)
10	Total Hardness as CaCO ₃	mg/L	436.3	200	600	IS 3025(Part -21)2009(RA2019)
11	Total Alkalinity as CaCO ₃	mg/L	335.3	200	600	IS 3025(Part -23)1986(RA2019)
12	Residual Free Chlorine	mg/L	<0.1	0.2	1.0	IS 3025 (Part -26)2021
13	Total Ammonia as NH ₃ -N	mg/L	0.5	0.5	No relaxation	IS 3025(Part -34)1988(RA2019)
14	Fluoride as F	mg/L	0.2	1.0	1.5	IS 3025(Part -60)2008(RA2019)
15	Sulfide as S ²⁻	mg/L	Nil	0.05	No relaxation	IS 3025(Part -29) 1986(RA2019)
16	Nitrate as NO ₃	mg/L	16.4	45	No relaxation	IS 3025(Part -34)1988 (RA2019)
17	Sulphate as SO ₄	mg/L	50.6	200	400	IS 3025(Part:24/Sec I)2022

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Analysed By
17/01/24



Verified By
17/01/24

Approved By
17/01/24

NOTE : 1. The result listed above pertain only to the tested samples and applicable parameters. 2. Samples will be stored for a period of 15 Days unless otherwise specified. 3. This report is not to be reproduced either wholly or in part and can not be used as evidence in the court of law and should not be used in any advertising media without prior written permission. 4. Sampling not done by us unless specified. 5. Total liability of our lab is limited to the Invoice Amount & any disputes arising out of this report are subject to Bangalore Jurisdiction only. 6. Laboratory is not responsible for the authenticity of photocopied test reports.



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Sample Description		Raw Water (Inlet Water)		Qty. Received		2 Ltrs
Sample Appearance		Clear Liquid		Sample Received Condition		Good
Sampling Details		Sample Collected by Enviro Test House Representative.				
SL. NO	PARAMETERS	UNIT	RESULTS	Requirement Acceptable Limits	Permissible limit in the absence of alternate source	TEST METHOD
				As per IS 10500: 2012		
1	Aluminum as Al	mg/L	0.04	0.03	0.2	APHA 24 th Edition 3120B
2	Arsenic as As	mg/L	<0.01	0.01	0.05	APHA 24 th Edition 3120B
3	Barium as Ba	mg/L	0.03	0.7	No relaxation	APHA 24 th Edition 3120B
4	Boron as B	mg/L	0.03	0.5	1.0	APHA 24 th Edition 3120B
5	Cadmium as Cd	mg/L	<0.001	0.003	No relaxation	APHA 24 th Edition 3120B
6	Total Chromium as Cr	mg/L	<0.001	0.05	No relaxation	APHA 24 th Edition 3120B
7	Copper as Cu	mg/L	0.003	0.05	1.5	APHA 24 th Edition 3120B
8	Iron as Fe	mg/L	0.09	0.3	No relaxation	APHA 24 th Edition 3120B
9	Lead as Pb	mg/L	<0.01	0.01	No relaxation	APHA 24 th Edition 3120B
10	Manganese as Mn	mg/L	0.03	0.1	0.3	APHA 24 th Edition 3120B
11	Nickel as Ni	mg/L	<0.005	0.02	No relaxation	APHA 24 th Edition 3120B
12	Zinc as Zn	mg/L	0.09	5	15	APHA 24 th Edition 3120B

Remarks: The given sample meets the IS 10500:2012 requirements for the above tested Parameter.

Note: Sample tested as received.

-----End of the Report-----

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[Signature]
Analysed By 17/01/24



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Analysis Commenced Date		13/01/2024	Analysis Completed Date		17/01/2024	
Sample Description		Raw Water (Inlet Water)	Qty. Received		500 ml	
Sample Appearance		Clear Liquid	Sample Received		Good	
Sampling Details		Sample Collected by Enviro Test House Representative.				
SL. NO	PARAMETERS	UNIT	RESULTS	Requirement Acceptable Limits	Permissible limit in the absence of alternate source	TEST METHOD
				As per IS 10500: 2012		
Bacteriological Parameters						
1	E. coli	Present or Absent/100ml	Absent	Shall not be detectable in 100 ml Sample		IS 15185:2016 (RA2021)
2	Total coliform	Present or Absent/100ml	Present	Shall not be detectable in 100 ml Sample		IS 15185:2016 (RA2021)

Remarks: The given sample does not meet the IS 10500:2012 requirements for the Bacteriological Parameter.

Note: Sample tested as received.

-----End of the Report-----

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Vano
17/1/24
Analysed By



Shant
17/1/24
Verified By

Shant
17/1/24
Approved By

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