




Santhome Enviro services

**NABL (ISO / IEC 17025:2017) Accredited &
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ISO 9001:2015 Certified Laboratory**



TEST REPORT						
Sample Ref No. :SAS/W/304/09			Report No. : 304/09			
Customer Name : M/s. KENDRIYA VIDYALAYA SCHOOL Address : NO:1, JIPMER CAMPUS , PONDICHERRY – 605006.			Report Date : 26.09.2024 Page: 1 of 2			
Sample Description : Water Sample Submitted By : K.S TRADERS Customer's Reference : Letter Dated On 25.09.2024 Sample Mark : RO WATER			Received On : 25.09.2024 Commenced On : 25.09.2024 Completed On : 26.09.2024			
Sl. No	PARAMETERS	UNITS	RESULTS	As Per IS 10500:2012 (Amendment-2015)		TEST METHOD
				Requirement (Acceptable limit)	Permissible limit in the absence of alternate source	
Physical Properties						
1	Appearance: When Analyzed After Filtration	-	Clear Clear	- -	- -	-
2	pH value at 25°C	-	6.79	6.5 – 8.5	6.5 – 8.5	APHA 24 th Edn :2023 4500 H ⁺ B
3	Color	Hazen Unit	<1.0	5	15	APHA 24 th Edn :2023 2120 B
4	Odor	-	Agreeable	Agreeable	Agreeable	IS 3025 P.5 1983 R.2012
5	Turbidity	NTU	<1.0	1	5	APHA 24 th Edn :2023 2130 B
6	Electrical conductivity at 25°C	Micromhos/cm	94.0	-	-	APHA 24 th Edn :2023 2510 B
Chemical Properties						
7	Total Suspended Solids	mg/l	<1.0	-	-	IS:3025:P.17:1984:R.2017
8	Total Dissolved Solids	mg/l	48.0	500	2000	IS 3025:P.16:1984:R.2017
for SANTHOME ENVIRO SERVICES						
 Verified & Authorized By A.Kaviyarasi - Technical Manager						
End of Page 1						



- NOTE: 1. Test results shown in this test report relate only to the items tested.
2. This test report shall not be reproduce anywhere except in full and in same format without the Approval of the laboratory
3. Unless informed by the customer the test items will not be retained for more than 10 days from The date of issue of test report (exceptional for Microbiology and wastewater for which retaining time 7 days.)



TEST REPORT – ADDITIONAL SHEET

Sample Ref No. : SAS/W/304/09

Report No. : 304/09

Report Date : 26.09.2024

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Sl. No	PARAMETERS	UNITS	RESULTS	As Per IS 10500:2012 (Amendment-2015)		TEST METHOD
				Requirement (Acceptable limit)	Permissible limit in the absence of alternate source	
9	Total Hardness as CaCO ₃	mg/l	22.0	200	600	APHA 24 th Edn :2023 2340 C
10	Calcium Hardness as CaCO ₃	mg/l	10.0	-	-	APHA 24 th Edn :2023 3500 - Ca B
11	Magnesium Hardness as CaCO ₃	mg/l	12.0	-	-	APHA 24 th Edn :2023 3500 - Mg B
12	Calcium as Ca	mg/l	4.0	75	200	APHA 24 th Edn :2023 3500 - Ca B
13	Magnesium as Mg	mg/l	2.88	30	100	APHA 24 th Edn :2023 2340 C
14	Phenolphthalein Alkalinity as CaCO ₃	mg/l	Nil	-	-	APHA 24 th Edn :2023 2320 B
15	Total Alkalinity as CaCO ₃	mg/l	14.0	200	600	APHA 24 th Edn :2023 2320 B
16	Chlorides as Cl	mg/l	6.0	250	1000	APHA 24 th Edn :2023 4500 Cl B
17	Sulfates as SO ₄	mg/l	2.0	200	400	APHA 24 th Edn :2023 4500 SO ₄ ²⁻ E
18	Total Iron as Fe	mg/l	BDL (DL=0.01)	1.0	1.0	APHA 24 th Edn :2023 3500 Fe- B
19	Silica (Reactive) as SiO ₂	mg/l	BDL (DL=0.04)	-	-	APHA 24 th Edn :2023 4500 SiO ₂ C
20	Carbonate Hardness as CaCO ₃	mg/l	14.0	-	-	APHA 24 th Edn :2023 2340 A
21	Non-Carbonate Hardness as CaCO ₃	mg/l	8.0	-	-	APHA 24 th Edn :2023 2340 A
22	Free Residual Chlorine	mg/l	<0.2	0.2	**1	APHA 24 th Edn :2023 4500 Cl B

BDL= Below Detectable Limit; DL= Detection Limit

** To be applicable only when water is chlorinated.

Report Opinion: The above submitted water sample complies with drinking water specification as per IS 10500:2012 with respect to the above tests.

for **SANTHOME ENVIRO SERVICES**


 Verified & Authorized By
 A.Kaviyarasi - Technical Manager



End of Report

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