TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
DISTRICT WATER TESTING LABORATORY
Municipal Building, Weekly Market Street,
Sivagangai - 630 561
Phone: 04575 - 243178 E-mail:wtlsvg@gmail.com
TC – 10514

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2024/ 27749-1	Report Issue Date :	04.05.2024	Page No : 01 of 01
Invoice Details:	077 /Dt.22.04.2024 Amt. Rs.1652/-	ULR No	TC105142300000143F	

Client Name & Address Contact No / Email.ID	:	Pannai Maruveni Global School, Manamadurai Main Road, Keelakandani, Sivagangai - Dist
Sample Name	:	Water
Sample Number	:	27749-1
Sample Description	:	R.O.Water
Sample Submitted by	:	S.Senthamilselvan
Location & Date	:	Inside the School & 22.04.2024
Quantity of sample Received	:	2 Litre
Sample Container	:	Jerry Cane
Sample Condition on,Receipt	:	Good
Sample Received On	:	22.04.2024
Test Commenced on	:	22.04.2024
Test Completed on	:	04.05.2024
Environmental Condition	:	25.0°C – 28.0°C

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2019)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	pH @ 25° C	-	IS 3025 Part 11-1983	6.85	6.5-8.5	6.5-8.5
2	Total Hardness as $CaCO_3$	mg/L	IS 3025 Part 21-2009	28	200	600
3	Total Alkalinity as $CaCO_3$	mg/L	IS 3025–Part 23-1986	30	200	600
4	Chloride as Cl	mg/L	IS 3025-Part 32-1988	20	250	1000
5	Sulphate as SO4	mg/L	IS 3025-Part 24-1986	3	200	400
6	Nitrate as NO_3	mg/L	APHA 23rd Edition 2017– 4500 –NO3 B	0	45	45
7	Fluoride as F	mg/L	APHA 23rd Edition 2017 – 4500- F-D	0.21	1.0	1.5

Remark: The tested sample conformed to IS: 10500:2012 (RA: 2019) Drinking water specification with respect to above tested parameters. The Decision rule is not applicable.

.....End of the report.....

Authorised Signatory
E.Iyyappa Babu
Assistant Executive Engineer,

Note:
1. The test results relate only to the items tested.
2. The test report shall not be reproduced anywhere except in full and in the same format without the permission of the laboratory.
3. Unless informed by customer, the test items will not be retained for more than 15 days from the date of issue of the test report.
4. The result applied to the sample as received basis.

PRINCIPAL
PANNAI MARIVENI GLOBAL SCHOOL
KEELAKANDANI
SIVAGANGAI-630 562.

CHAIRMAN
PANNAI MARIVENI GLOBAL SCHOOL
KEELAKANDANI
SIVAGANGAI-630 562.

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TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2024/ 27749 - 2	Report Issue Date :	04.05.2024	Page No:01 of 02
Invoice Details:	077 /Dt. 22.04.2024			

Client Name & Address Contact No / Email.ID	:	Pannai Maruveni Global School, Manamadurai Main Road, Keelakandani, Sivagangai - Dist
Sample Name	:	Water
Sample Number	:	27749-2
Sample Description	:	R.O.Water
Sample Submitted by	:	S.Senthamilselvan
Location & Date	:	Inside the School & 22.04.2024
Quantity of sample Received	:	2 Litre
Sample Container	:	Jerry Cane
Sample Condition on Receipt	:	Good
Sample Received On	:	22.04.2024
Test Commenced on	:	22.04.2024
Test Completed on	:	04.05.2024
Environmental Condition	:	25.0°C – 28.0°C

S.No	Parameters	Test Method	Unit	Result	Specification as per IS 10500 : 2012	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	Appearance	Visual observation	--	Clear	Clear	Clear
2	Odour	IS 3025 Part 5 : 1983	--	Agreeable	Agreeable	Agreeable
3	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	0	1	5
4	Total Dissolved Solids	APHA 23rd Edition 2017 – 2540 C	mg/L	84	500	2000
5	Conductivity	APHA 23rd Edition 2017 – 2510 B	µS/cm	120	-	-
6	P - Alkalinity	IS 3025–Part 23-1983	mg/L	NIL	-	-
7	Calcium as Ca	APHA 23rd Edition 2017 – 3500 Ca B	mg/L	0	75	200
8	Magnesium as Mg	APHA 23rd Edition 2017– 3500 Mg B	mg/L	0	30	100
9	Iron as Fe	APHA 23rd Edition 2017– 3500 Fe B	mg/L	0	0.3	1
10	Manganese as Mn	APHA 23rd Edition 2017 – 3500 Mn B	mg/L	0	0.1	0.3
11	Ammonia as NH_3	APHA 17th Edition-1989– 4500 NH3C	mg/L	0	0.5	0.5

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Assistant Executive Engineer

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4. The result applied to the sample as received basis.

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Report No:	TR/2024/ 27749 - 2	Report Issue Date :	04.05.2024	Page No:02 of 02
Invoice Details:	077 /Dt. 22.04.2024			

S.No	Parameters	Test Method	Unit	Result	Specification as per IS 10500 : 2012	
					Acceptable Limit	Permissible Limit in the absence of alternate source
12	Nitrite as NO_3	APHA 23rd Edition 2017– 4500-NO2 B	mg/L	0	-	-
13	Total Phosphate as PO_4	APHA 23rd Edition 2017 – 4500 P- D	mg/L	0	-	-
14	Tidys 4 hr. test	APHA 23rd Edition 2017 – 4500 O - B	mg/L	0	-	-
15	Residual Chlorine	IS/APHA	mg/L	0	0.2	1.0
BACTERIOLOGICAL EXAMINATION						
16	Fecal Coliform	IS/APHA	CFU/ 100ML	0	0	0

Report: :The tested sample conformed to IS:10500:2012(RA: 2019)drinking water specification with respect to above tested parameters.

.....End of the report.....

Authorised Signatory
E.Iyyappa Babu
Assistant Executive Engineer

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