

ASIAN ENVIRO LABS

No. 1, 200 Feet Pallavaram to Thuraipakkam Radial Road,
Zamin Pallavaram, Chennai - 600 043, Tamil Nadu.

REPORT

Report No:24-25/ AEL24050039

Page 1 of 1

Customer Name & Address : **SRI RANGAPOOPATHI INTERNATIONAL SCHOOL**
Alampoondi Village, Gingee Taluk,
Villupuram District – 604 151.

SAMPLE DETAILS

Sample Code	: AEL24050039	Sample Received on	: 10.05.2024
Sample Name	: Ground Water	Analysis Started on	: 10.05.2024
Sample Description	: Bore Well Water	Analysis Completed on	: 13.05.2024
Sample Quantity	: 1 Ltr X 1 No	Report Date	: 14.05.2024

TEST RESULT - CHEMICAL

Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per IS 10500:2012
					Permissible limit in the absence of Alternate Source
1	pH value	IS 3025 (Part-11):2022	--	7.53	--
2	Electrical Conductivity	IS 3025 (Part-14):2013	µS/cm	1120	--
3	Colour	IS 3025 (Part-4):2021	Hazen	5	Max 15
4	Odour	IS 3025 (Part-5):2018	--	Agreeable	Agreeable
5	Turbidity	IS 3025 (Part-10):1984	NTU	< 1	Max 5
6	Total Dissolved Solids	IS 3025 (Part-16):2023	mg/L	686	Max 2000
7	Total Hardness as CaCO ₃	IS 3025 (Part-21):2009	mg/L	320	Max 600
8	Calcium as Ca	IS 3025 (Part-40):1991	mg/L	73	Max 200
9	Magnesium as Mg	IS 3025 (Part-46):1994	mg/L	33.1	Max 100
10	Chloride as Cl	IS 3025 (Part-32):1988	mg/L	208	Max 1000
11	Total Alkalinity as CaCO ₃	IS 3025 (Part-23):1986	mg/L	280	Max 600
12	Phenolphthalein Alkalinity	IS 3025 (Part-23):1986	mg/L	NIL	--
13	Carbonate Hardness as CaCO ₃	IS 3025 (Part-21):2009	mg/L	280	--
14	Non Carbonate Hardness as CaCO ₃	IS 3025 (Part-21):2009	mg/L	40	--
15	Iron as Fe	IS 3025 (Part-53):2003	mg/L	< 0.05	No Relaxation
16	Sulphate as SO ₄	IS 3025 (Part-24) Sec 1: 2022	mg/L	104	Max 400
17	Nitrate as NO ₃	IS:3025 Part-34):1988	mg/L	5.82	No Relaxation
18	Silica as SiO ₂	IS 3025 (Part-35):1988	mg/L	32	--

TEST RESULT - BIOLOGICAL

19	Total Coliform	IS 15185:2016	CFU/100ml	Absent	Shall not be detectable in any 100ml sample
20	E.coli	IS 15185:2016	CFU/100ml	Absent	

Remarks: The above water sample complies with Permissible Limits of Drinking Water Specification as per IS 10500:2012 with respect to above parameters tested.

End of Report


For **PRINCIPAL**
Sri Rangapoopathi International School
Alampoondi, Gingee Tk,
Villupuram Dt-604 206


Secretary
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REPORT

Report No:24-25/ AEL24050038

Page 1 of 1

Customer Name & : **SRI RANGAPOOPATHI INTERNATIONAL SCHOOL**
Address : Alampoondi Village, Gingee Taluk,
Villupuram District – 604 151.

SAMPLE DETAILS

Sample Code : AEL24050038 Sample Received on : 10.05.2024
Sample Name : WTP Water Analysis Started on : 10.05.2024
Sample Description : Water Treatment Plant (WTP) Analysis Completed on : 13.05.2024
Sample Quantity : 1 Ltr X 1 No Report Date : 14.05.2024

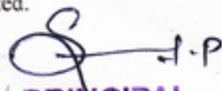
TEST RESULT - CHEMICAL

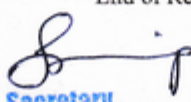
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per IS 10500:2012
					Permissible limit in the absence of Alternate Source
1	pH value	IS 3025 (Part-11):2022	--	7.54	--
2	Electrical Conductivity	IS 3025 (Part-14):2013	µS/cm	1150	--
3	Colour	IS 3025 (Part-4):2021	Hazen	5	Max 15
4	Odour	IS 3025 (Part-5):2018	--	Agreeable	Agreeable
5	Turbidity	IS 3025 (Part-10):1984	NTU	< 1	Max 5
6	Total Dissolved Solids	IS 3025 (Part-16):2023	mg/L	580	Max 2000
7	Total Hardness as CaCO ₃	IS 3025 (Part-21):2009	mg/L	320	Max 600
8	Calcium as Ca	IS 3025 (Part-40):1991	mg/L	74	Max 200
9	Magnesium as Mg	IS 3025 (Part-46):1994	mg/L	33	Max 100
10	Chloride as Cl	IS 3025 (Part-32):1988	mg/L	184	Max 1000
11	Total Alkalinity as CaCO ₃	IS 3025 (Part-23):1986	mg/L	240	Max 600
12	Phenolphthalein Alkalinity	IS 3025 (Part-23):1986	mg/L	NIL	--
13	Carbonate Hardness as CaCO ₃	IS 3025 (Part-21):2009	mg/L	240	--
14	Non Carbonate Hardness as CaCO ₃	IS 3025 (Part-21):2009	mg/L	80	--
15	Iron as Fe	IS 3025 (Part-53):2003	mg/L	< 0.05	No Relaxation
16	Sulphate as SO ₄	IS 3025 (Part-24) Sec 1: 2022	mg/L	92	Max 400
17	Nitrate as NO ₃	IS:3025 Part-34):1988	mg/L	6.42	No Relaxation
18	Silica as SiO ₂	IS 3025 (Part-35):1988	mg/L	28	--

TEST RESULT - BIOLOGICAL

19	Total Coliform	IS 15185:2016	CFU/100ml	Absent	Shall not be detectable in any 100ml sample
20	E.coli	IS 15185:2016	CFU/100ml	Absent	

Remarks: The above water sample complies with Permissible Limits of Drinking Water Specification as per IS 10500:2012 with respect to above parameters tested.


PRINCIPAL
Sri Rangapoopathi International School
Alampoondi, Gingee Tk,
Villupuram Dt-604 206

End of Report

Secretary
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REPORT

Report No:24-25/ AEL24050037

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Customer Name & : **SRI RANGAPOOPATHI INTERNATIONAL SCHOOL**
Address : Alampoondi Village, Gingee Taluk,
Villupuram District – 604 151.

SAMPLE DETAILS

Sample Code : AEL24050037 Sample Received on : 10.05.2024
Sample Name : Drinking Water Analysis Started on : 10.05.2024
Sample Description : RO Water Analysis Completed on : 13.05.2024
Sample Quantity : 1 Ltr X 1 No Report Date : 14.05.2024

TEST RESULT - CHEMICAL

Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per IS 10500:2012
					Acceptable Limit
1	pH value	IS 3025 (Part-11):2022	--	6.62	6.5 to 8.5
2	Electrical Conductivity	IS 3025 (Part-14):2013	µS/cm	57	--
3	Colour	IS 3025 (Part-4):2021	Hazen	< 1	Max 5
4	Odour	IS 3025 (Part-5):2018	--	Agreeable	Agreeable
5	Turbidity	IS 3025 (Part-10):1984	NTU	< 1	Max 1
6	Total Dissolved Solids	IS 3025 (Part-16):2023	mg/L	31	Max 500
7	Total Hardness as CaCO ₃	IS 3025 (Part-21):2009	mg/L	10	Max 200
8	Calcium as Ca	IS 3025 (Part-40):1991	mg/L	2.4	Max 75
9	Magnesium as Mg	IS 3025 (Part-46):1994	mg/L	< 1	Max 30
10	Chloride as Cl	IS 3025 (Part-32):1988	mg/L	15	Max 250
11	Total Alkalinity as CaCO ₃	IS 3025 (Part-23):1986	mg/L	12	Max 200
12	Phenolphthalein Alkalinity	IS 3025 (Part-23):1986	mg/L	NIL	--
13	Carbonate Hardness as CaCO ₃	IS 3025 (Part-21):2009	mg/L	10	--
14	Non Carbonate Hardness as CaCO ₃	IS 3025 (Part-21):2009	mg/L	NIL	--
15	Iron as Fe	IS 3025 (Part-53):2003	mg/L	< 0.05	Max 1.0
16	Sulphate as SO ₄	IS 3025 (Part-24) Sec 1: 2022	mg/L	236	Max 200
17	Nitrate as NO ₃	IS:3025 Part-34):1988	mg/L	< 2	Max 45
18	Silica as SiO ₂	IS 3025 (Part-35):1988	mg/L	< 2	--

TEST RESULT - BIOLOGICAL

19	Total Coliform	IS 15185:2016	CFU/100ml	Absent	Shall not be detectable in any 100ml sample
20	E.coli	IS 15185:2016	CFU/100ml	Absent	

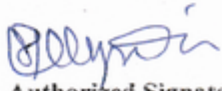
Remarks: The above water sample complies with Acceptable Limits of Drinking Water Specification as per IS 10500:2012 with respect to above parameters tested.

End of Report


For **PRINCIPAL**
Sri Rangapoopathi International School
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