

REF: KSEL/FEB-148/MV/21-22

Feb 18th, 2022

ANALYSIS REPORT

Client Name	M/s. Maharashi Vidya Mandir Senior Secondary School
Client Name and Address	VGN Brixton, Irungattukottai, Sriperumbudur Taluk, Kanchipuram District
Sample Description	Water
Source of water	Bore Water
Sample Referenced by	-
Sample Drawn by	Customer
Date of Sample Collected	17.02.2022
Date of Sample Commenced	17.02.2022
Test of Sample Completed	18.02.2022

S.No	Parameters	Unit	Results	Test Method (APHA 23 rd Edition 2017)	Limits as per IS:105 Standards	
					Acceptable Limit	Per Lim abs altern
01	Physical Appearance after Filtration	-	Clear	-	-	
02	Colour	Hazen	0	2120 B	5	
03	Odour	-	Agreeable	2150 B	Agreeable	Ag
04	pH at 25°C	-	6.77	4500 H ⁺ B	6.5 – 8.5	6.
05	Turbidity	NTU	BDL(DL:0.5)	2130 B	1	
06	Electrical Conductivity at 25°C	Micromhos /cm	80	2510 B	-	
07	Total Suspended Solids	mg/l	BDL(DL:1.0)	2540 D	-	
08	Total Dissolved Solids	mg/l	47	2540 C	500	
09	Total Alkalinity (as CaCO ₃)	mg/l	09	2320 B	200	
10	P-Alkalinity (as CaCO ₃)	mg/l	Nil	2320 B	-	
11	Total Hardness (as CaCO ₃)	mg/l	07	2340 C	200	
12	Calcium Hardness (as CaCO ₃)	mg/l	05	3500 - Ca B	-	
13	Magnesium Hardness (as CaCO ₃)	mg/l	02	3500 - Mg B	-	
14	Calcium (as Ca)	mg/l	2.1	3500 B	75	
15	Magnesium (as Mg)	mg/l	0.49	2340 C	30	
16	Total Iron (as Fe)	mg/l	BDL(DL:0.01)	3500 Fe-B	0.3	



REF: KSEL/FEB-148/MV/21- 22

Feb 18th, 20

S.NO	Parameters	Unit	Results	Test Method (APHA 23 rd Edition)	Limits as per IS: 10500 Standards	
					Acceptable Limit	Per Liter alter
17	Chloride (as Cl ⁻)	mg/l	11.4	4500 Cl B	250	
18	Sulphate (as SO ₄ ⁻)	mg/l	BDL(DL:0.1)	4500 SO ₄ ²⁻ E	200	
19	Carbonate Hardness (as CaCO ₃)	mg/l	07	2340 A	-	
20	Non Carbonate Hardness(as CaCO ₃)	mg/l	0	2340 A	-	
21	Silica Reactive (as SiO ₂)	mg/l	1.2	4500 SiO ₂ C	-	
22	Free Residual Chlorine	mg/l	Nil	4500 Cl B	0.2	

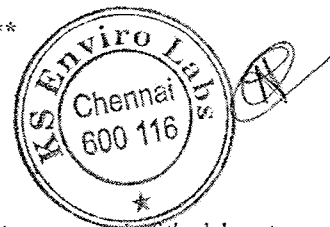
BDL: Below Detection Limit, DL: Detectable Limit,

Remarks:

The above submitted water Sample Comply with drinking specification as per IS: 10500: 2012 with respect to the above test conducted.

***End of Test Report**

Authorized Signatory



Note:

1. Reports shall not be reproduced, except in full, without the written approval of the laboratory
2. Details as furnished by the client and Samples as supplied by the client.
3. Any clarifications / complaints of the report should be made in writing within 2 days from the date of test report.
4. Unless informed by the client the samples will not be retained for more than 7 days from the date of issue this report.

Bhuvaneshwari S.
PRINCIPAL

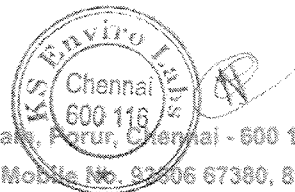
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Feb 18th, 2022

ANALYSIS REPORT

Client Name	M/S. Maharshi vidya mandir Senior Secondary School
Client Name and Address	VGN Briston ,Jrungattukottai,SriperumbudurTaluk, Kanchipuram District-602177
Sample Description	Water
Source of water	RO Water
Sample Referenced by	-
Sample Drawn by	Customer
Date of Sample Collected	17.02.2022
Date of Sample Commenced	17.02.2022
Test of Sample Completed	18.02.2022

S.No	Parameters	Unit	Results	Test Method (APHA 23 rd Edition 2017)	Limits as per IS:10500 -2012 Standards	
					Acceptable Limit	Permissible Limit in the absence of alternate source
01	Physical Appearance after Filtration	-	Clear	-	-	-
02	Colour	Hazen	0	2120 B	5	15
03	Odour	-	Agreeable	2150 B	Agreeable	Agreeable
04	pH at 25°C	-	6.77	4500 H ⁺ B	6.5 - 8.5	6.5 - 8.5
05	Turbidity	NTU	BDL(DL:0.5)	2130 B	1	5
06	Electrical Conductivity at 25°C	Micromhos /cm	80	2510 B	-	-
07	Total Suspended Solids	mg/l	BDL(DL:1.0)	2540 D	-	-
08	Total Dissolved Solids	mg/l	47	2540 C	500	2000
09	Total Alkalinity (as CaCO ₃)	mg/l	09	2320 B	200	600
10	P-Alkalinity (as CaCO ₃)	mg/l	Nil	2320 B	-	-
11	Total Hardness (as CaCO ₃)	mg/l	07	2340 C	200	600
12	Calcium Hardness (as CaCO ₃)	mg/l	05	3500 - Ca B	-	-
13	Magnesium Hardness (as CaCO ₃)	mg/l	02	3500 - Mg B	-	-
14	Calcium (as Ca)	mg/l	2.1	3500 B	75	200
15	Magnesium (as Mg)	mg/l	0.49	2340 C	30	100
16	Total Iron (as Fe)	mg/l	BDL(DL:0.01)	3500 Fe-B	0.3	0.3



No.13, Ramya Nagar, Dr. Ambedkar Salai, Madanandapuram, Porur, Chennai - 600 125.

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Feb 18th, 2022

S.NO	Parameters	Unit	Results	Test Method (APHA 23 rd Edition)	Limits as per IS: 10500 - 2012 Standards	
					Acceptable Limit	Permissible Limit in the absence of alternate source
17	Chloride (as Cl ⁻)	mg/l	11.4	4500 Cl B	250	1000
18	Sulphate (as SO ₄ ²⁻)	mg/l	BDL(DL:0.1)	4500 SO ₄ ²⁻ E	200	400
19	Carbonate Hardness (as CaCO ₃)	mg/l	07	2340 A	-	-
20	Non Carbonate Hardness(as CaCO ₃)	mg/l	0	2340 A	-	-
21	Silica Reactive (as SiO ₂)	mg/l	1.2	4500 SiO ₂ C	-	-
22	Free Residual Chlorine	mg/l	Nil	4500 Cl B	0.2	**1

BDL: Below Detection Limit. DL: Detectable Limit, MPN: Most Probable Number, <2 is absent

Remarks:

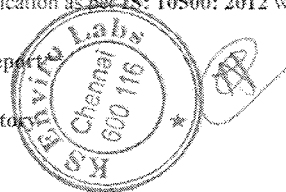
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***End of Test Report

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