



# EKDANT ENVIRO SERVICES (P) LIMITED

NABL Accredited & MoEF Recognised Laboratory  
An ISO 9001 : 2015 and OHSAS (ISO 45001 : 2018) Certified Company  
No. R7/1, AVK Tower, North Main Road, Anna Nagar West Extn. Chennai - 600 101.  
Phone : 044 - 2615 3349. Mobile : 94444 11178 / 94449 71649  
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## TEST REPORT

Sample Ref No EES/W/460/08				Report No 544/08		
Issued To M/s. Maharishi VidyaMandir Senior Secondary School., Avadi, Chennai-600077.				Report Date 24 08 2024 Page 1 of 2		
Sample Description		Water	Received On 22 08 2024			
Sample Drawn By/ Date		Customer / 22 08 2024	Commenced On 22 08 2024			
Customer's Reference		Letter Dated On 22 08 2024	Completed On 24 08 2024			
Sample Mark		RO Water				
Sl. No	PARAMETERS	UNITS	RESULTS	As Per IS 10500:2012		PROTOCOL: APHA 23 <sup>rd</sup> Edition 2017
				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	-	6.54	6.5 – 8.5	6.5 – 8.5	4500 H <sup>+</sup> B
3	Color	Hazen	1.0	5	15	2120 B
4	Odor	-	Agreeable	Agreeable	Agreeable	IS 3025 P 5 1983
5	Turbidity	NTU	BLQ (LOQ=0.1)	1	5	2130 B
6	Electrical conductivity at 25°C	Micromhos/cm	172	-	-	2510 B
Chemical Properties						
7	Total Suspended Solids	mg/l	BLQ (LOQ=1.0)	-	-	IS 3025 P.17 1984
8	Total Dissolved Solids	mg/l	103	500	2000	IS 3025 P.16 1984

---End of Page1---



*[Signature]*  
Authorized Signatory

- NOTE
1. Test results shown in this test report relate only to the items tested
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  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)

*[Signature]*  
PRINCIPAL

MAHARISHI VIDYA MANDIR Sr. Sec. SCHOOL  
Melpakkam Village  
Poonamallee Taluk  
Avadi, Chennai - 600 077

*[Signature]*  
SECRETARY  
MAHARISHI VIDYA MANDIR  
GROUP OF SCHOOLS



# TEST REPORT – ADDITIONAL SHEET

Sample Ref No EES/W/460/08

Report No 544/08  
Report Date 24 08 2024  
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Sl. No	PARAMETERS	UNITS	RESULTS	As Per IS 10500:2012		PROTOCOL: APHA 23 <sup>rd</sup> Edition 2017
				Requirement (Acceptable limit)	Permissible limit in the absence of alternate source	
9	Total Hardness as CaCO <sub>3</sub>	mg/l	47.0	200	600	2340 C
10	Calcium Hardness as CaCO <sub>3</sub>	mg/l	31.0	-	-	3500 - Ca B
11	Magnesium Hardness as CaCO <sub>3</sub>	mg/l	16.0	-	-	3500 - Mg B
12	Calcium as Ca	mg/l	12.42	75	200	3500 - Ca B
13	Magnesium as Mg	mg/l	4.0	30	100	3500 - Mg B
14	Phenolphthalein Alkalinity as CaCO <sub>3</sub>	mg/l	NIL	-	-	2320 B
15	Total Alkalinity as CaCO <sub>3</sub>	mg/l	44.0	200	600	2320 B
16	Chlorides as Cl	mg/l	27.0	250	1000	4500 Cl B
17	Sulfates as SO <sub>4</sub>	mg/l	6.0	200	400	4500 SO <sub>4</sub> E
18	Total Iron as Fe	mg/l	BLQ (LOQ=0.01)	0.3	0.3	3500 Fe- B
19	Silica (Reactive) as SiO <sub>2</sub>	mg/l	4.0	-	-	IS 3025: P 35 1988
20	Carbonate Hardness as CaCO <sub>3</sub>	mg/l	44.0	-	-	2340 A
21	Non-Carbonate Hardness as CaCO <sub>3</sub>	mg/l	3.0	-	-	2340 A
22	Free Residual Chlorine	mg/l	BLQ (LOQ=0.1)	0.2	**1	4500 Cl B

BLQ= Below Limit of Quantification; LOQ= Limit of Quantification

\*\* To be applicable only when water is chlorinated.

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

Ref. Decision Rule: EES/QSP/012

---End of Report---



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## TEST REPORT

Sample Ref No EES/W/460/08				Report No	544/08
Issued To <b>M/s. Maharishi VidyaMandir Senior Secondary School.,</b>				Report Date	26 08 2024
<b>Avadi, Chennai-600077.</b>				Page	1 of 2
Sample Description	Water			Received On	22 08 2024
Sample Drawn By/ Date	Customer / 22 08 2024			Commenced On	22 08 2024
Customer's Reference	Letter Dated On 22 08 2024			Completed On	26 08 2024
Sample Mark	RO Water				
Sl. No	PARAMETERS	UNITS	RESULTS	Requirement as per IS 10500: 2012 Second revision (Acceptable Limit)	PROTOCOL
MICROBIOLOGICAL EXAMINATION					
1	Total coliforms	100ml	Absent	Shall not be detectable in any 100 ml	IS: 15185:2016
2	E.coli	100ml	Absent	Shall not be detectable in any 100 ml	IS: 15185:2016

Remarks: The above submitted water sample meets the requirement of drinking water specification as per IS 10500:2012 with respect to the parameter tested above.

Ref. Decision Rule: EES/QSP/012

---End of Report---



*B. Pragasam*  
Authorized Signatory

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