



# 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

E-mail : ekdantlab@gmail.com / ekdantfinance19@gmail.com

Web : www.ekdantlab.co.in

TEST REPORT						
Sample Ref No : EES/W/550/09			Report No : 728/09			
Issued To : M/s.DAV Senior Secondary Girls School., Gopalapuram.			Report Date : 28.09.2024 Page: 1 of 2			
Sample Description : Water			Received On : 25.09.2024			
Sample Drawn By/ Date : Customer / 25.09.2024			Commenced On : 25.09.2024			
Customer's Reference : Letter Dated On 25.09.2024			Completed On : 28.09.2024			
Sample Mark : RO Water - 1(Main School)						
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	
<b>Physical Properties</b>						
1	Appearance: When Analyzed After Filtration	-	Clear Clear	-	-	-
2	pH value at 25°C	-	6.89	6.5 - 8.5	6.5 - 8.5	4500 H' 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	166	-	-	2510 B
<b>Chemical Properties</b>						
7	Total Suspended Solids	mg/l	BLQ (LOQ=1.0)	-	-	IS 3025 P 17-1984
8	Total Dissolved Solids	mg/l	99.0	500	2000	IS 3025:P.16.1984

— End of Page1—



Authorized Signatory

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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.)





**TEST REPORT – ADDITIONAL SHEET**

Sample Ref No . EES/W/550/09				Report No : 728/09 Report Date : 28.09.2024 Page. 2 of 2		
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	4.0	200	600	2340 C
10	Calcium Hardness as CaCO <sub>3</sub>	mg/l	2.0	-	-	3500 - Ca B
11	Magnesium Hardness as CaCO <sub>3</sub>	mg/l	2.0	-	-	3500 - Mg B
12	Calcium as Ca	mg/l	0.80	75	200	3500 - Ca B
13	Magnesium as Mg	mg/l	0.48	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	36.0	200	600	2320 B
16	Chlorides as Cl	mg/l	7.0	250	1000	4500 Cl B
17	Sulfates as SO <sub>4</sub>	mg/l	BLQ (LOQ=0.1)	200	400	4500 SO <sub>4</sub> <sup>2-</sup> 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	1.83	-	-	IS 3025: P.35:1988
20	Carbonate Hardness as CaCO <sub>3</sub>	mg/l	4.0	-	-	2340 A
21	Non-Carbonate Hardness as CaCO <sub>3</sub>	mg/l	NIL	-	-	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.

Remarks: 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. : EESW/550/09				Report No. : 728/09	
Issued To: M/s. DAV Senior Secondary Girls School., Gopalapuram.				Report Date : 28.09.2024	Page: 1 of 1
Sample Description	: Water	Received On	: 25.09.2024		
Sample Drawn By/ Date	: Customer / 25.09.2024	Commenced On	: 25.09.2024		
Customer's Reference	: Letter Dated On 25.09.2024	Completed On	: 28.09.2024		
Sample Mark	: RO Water - 1 (Main School)				
Sl. N	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	IS15185-2016
2	E.coli	100ml	Absent	shall not be detectable in any 100 ml	IS 15185-2016
Report Opinion: The above submitted water sample meets the requirement of drinking water specification as per IS 10500:2012 with respect to parameters tested above . Ref. Decision Rule: EES/QSP/012					

---End of Report---



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TEST REPORT						
Sample Ref No : EESW/551/09			Report No : 729/09			
Issued To: M/s. DAV Senior Secondary Girls School., Gopalapuram.			Report Date : 28.09.2024 Page 1 of 2			
Sample Description : Water			Received On : 25.09.2024			
Sample Drawn By/ Date : Customer / 25.09.2024			Commenced On : 25.09.2024			
Customer's Reference : Letter Dated On 25.09.2024			Completed On : 28.09.2024			
Sample Merk : RO Water - 1 (Primary School)						
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	
<b>Physical Properties</b>						
1	Appearance When Analyzed After Filtration	-	Clear Clear	- -	- -	-
2	pH value at 25°C	-	6.62	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	133	-	-	2510 B
<b>Chemical Properties</b>						
7	Total Suspended Solids	mg/l	BLQ (LOQ=1.0)	-	-	IS.3025: P.17:1984
8	Total Dissolved Solids	mg/l	82.0	500	2000	IS 3025:P.16:1984

---End of Page1---



*[Signature]*  
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*[Signature]*





### TEST REPORT - ADDITIONAL SHEET

Sample Ref No. : EESW/551/09

Report No. : 729/09

Report Date : 28.09.2024

Page 2 of 2

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9	Total Hardness as CaCO <sub>3</sub>	mg/l	5.0	200	600	2340 C
10	Calcium Hardness as CaCO <sub>3</sub>	mg/l	3.0	-	-	3500 - Ca B
11	Magnesium Hardness as CaCO <sub>3</sub>	mg/l	2.0	-	-	3500 - Mg B
12	Calcium as Ca	mg/l	1.20	75	200	3500 - Ca B
13	Magnesium as Mg	mg/l	0.48	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	30.0	200	600	2320 B
16	Chlorides as Cl	mg/l	10.0	250	1000	4500 Cl B
17	Sulfates as SO <sub>4</sub>	mg/l	BLQ (LOQ=0.1)	200	400	4500 SO <sub>4</sub> <sup>2-</sup> 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	1.35	-	-	IS 3025: P.35:1988
20	Carbonate Hardness as CaCO <sub>3</sub>	mg/l	5.0	-	-	2340 A
21	Non-Carbonate Hardness as CaCO <sub>3</sub>	mg/l	NIL	-	-	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.

Remarks: 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

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Customer's Reference : Letter Dated On 25.09.2024	Completed On : 28.09.2024
Sample Mark : RO Water - 1 (Primary School)	

S <sup>r</sup>	PARAMETERS	UNITS	RESULTS	Requirement as per IS 10500: 2012 Second revision (Acceptable Limit)	PROTOCOL
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2	E.coli	100ml	Absent	shall not be detectable in any 100 ml	IS 15185-2016

Report Opinion: The above submitted water sample meets the requirement of drinking water specification as per IS 10500:2012 with respect to parameters tested above .  
Ref. Decision Rule: EES/QSP/012

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GREATER CHENNAI CORPORATION

PUBLIC HEALTH DEPARTMENT

ZONE - IX

Z.O IX/H.D/C.NO./0210/2024

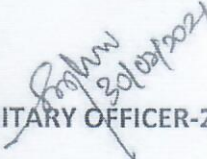
DATE: 25.07.2024


### SANITARY CERTIFICATE

I hereby declare that the building and premises of **D.A.V.GIRLS SENIOR SECONDARY SCHOOL, NO.182, AVVAI SHANMUGAM (LLOYDS) ROAD, GOPALAPURAM, CHENNAI-86.** have been inspected on **25.07.2024** and certified that the accommodation provided for each of the pupil in several class rooms is sufficient, the building is properly ventilated and lighted, that it is maintained in substantial repair, that it is neat and clean, that the latrine arrangements are adequate and satisfactory, that the supply of drinking water is wholesome and good and that in all other aspects the sanitation is good and proper hygiene is maintained.

This certificate is valid for one year from the date of issue.

  
SANITARY INSPECTOR-111

  
SANITARY OFFICER-24

  
ZONAL HEALTH OFFICER - IX  
Zonal Health Officer  
Zone-9  
Corporation of Chennai

