



EKDANT ENVIRO SERVICES (P) LIMITED

NABL Accredited Laboratory

No. R7/1, AVK Tower, 2nd Floor, 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



TC-11742

TEST REPORT

Sample Ref No. : EESW/180/06			Report No. : 651/06		
Issued To: M/S. D.A.V. Secondary School, Mogappair, Block - 12, J.J. Nagar, Mogappair, Chennai - 600 037.			Report Date : 24.06.2025 Page: 1 of 1		
Sample Description : Water			Received On : 21.06.2025		
Sample Drawn By/ Date : Customer / 21.06.2025			Commenced On : 21.06.2025		
Customer's Reference : Letter Dated On 21.06.2025			Completed On : 24.06.2025		
Sample Mark : Ro Water					
ULR Number : TC1174225000001512F					
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 100ml	IS : 15185-2016
2	E.coli	100ml	Absent	Shall not be detectable in any 100ml	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 the parameters tested.					

---End of Report---



Authorised Signatory

- NOTE: 1. Test results shown in this test report relate only to the items tested.
2. This test report shall not be reproduce anywhere except in full and in same format without the Approval of the laboratory
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 waste water for which retaining time 7 days.)

Shwaneswarai
9/7/25
D.A.V. SECONDARY SCHOOL, MOGAPPAIR
Block No.12, Mogappair East,
Chennai - 600 037.

Ranjan Arund
MANAGER
D.A.V. SECONDARY SCHOOL, MOGAPPAIR
Block No.12, Mogappair East,
Chennai - 600 037.



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Issued To: M/S. D.A.V. Secondary School, Mogappair, Block - 12, J.J. Nagar, Mogappair, Chennai - 600 037.			Report Date : 24.06.2025 Page: 1 of 2			
Sample Description : Water Sample Drawn By/ Date : Customer / 21.06.2025 Customer's Reference : Letter Dated On 21.06.2025 Sample Mark : Ro Water ULR Number : TC1174225000001512F			Received On : 21.06.2025 Commenced On : 21.06.2025 Completed On : 24.06.2025			
Sl. No	PARAMETERS	UNITS	RESULTS	As Per IS 10500:2012		PROTOCOL: APHA 24 th Edition 2023
				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	-	6.50	6.5 - 8.5	6.5 - 8.5	APHA 4500 H ⁺ B
3	Color	CU	1.0	5	15	APHA 2120 B
4	Odor	Qualitative	Agreeable	Agreeable	Agreeable	IS 3025 P.5 1983
5	Turbidity	NTU	BLQ (LOQ=0.1)	1	5	APHA 2130 B
6	Electrical conductivity at 25°C	Micromhos/cm	184	-	-	APHA 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	110	500	2000	IS 3025:P.16:1984

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[Signature]
 LUMALAI.M
 Authorised Signatory

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TEST REPORT

Sample Ref No. : EES/W/180/06

Report No. :651/06

Report Date :24.06.2025

Page: 2 of 2

Sl. No	PARAMETERS	UNITS	RESULTS	As Per IS 10500:2012		PROTOCOL: APHA 24 th Edition 2023
				Requirement (Acceptable limit)	Permissible limit in the absence of alternate source	
9	Total Hardness as CaCO ₃	mg/l	42.0	200	600	APHA 2340 C
10	Calcium Hardness as CaCO ₃	mg/l	28.0	-	-	APHA 3500 - Ca B
11	Magnesium Hardness as CaCO ₃	mg/l	14.0	-	-	APHA 3500 - Mg B
12	Calcium as Ca	mg/l	11.0	75	200	APHA 3500 - Ca B
13	Magnesium as Mg	mg/l	3.40	30	100	APHA 3500 - Mg B
14	Phenolphthalein Alkalinity as CaCO ₃	mg/l	NIL	-	-	APHA 2320 B
15	Total Alkalinity as CaCO ₃	mg/l	24.0	200	600	APHA 2320 B
16	Chlorides as Cl	mg/l	31.0	250	1000	APHA 4500 Cl ⁻ B
17	Sulfates as SO ₄	mg/l	14.0	200	400	APHA 4500 SO ₄ ²⁻ E
18	Total Iron as Fe	mg/l	BLQ (LOQ=0.01)	0.3	0.3	APHA 3500 Fe- B
19	Silica (Reactive) as SiO ₂	mg/l	2.44	-	-	IS 3025: P.35:1988
20	Carbonate Hardness as CaCO ₃	mg/l	24.0	-	-	APHA 2340 A
21	Non-Carbonate Hardness as CaCO ₃	mg/l	18.0	-	-	APHA 2340 A
22	Free Residual Chlorine	mg/l	BLQ (LOQ=0.1)	0.2	**1	APHA 4500 Cl B

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

---End of Report---



Elumalai M
Authorised Signatory

MANAGER

Shwaneswarig
9/7/25

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