



STATE LEVEL WATER TESTING LABORATORY  
TAMILNADU WATER SUPPLY AND DRAINAGE BOARD  
NO 31, 4<sup>th</sup> FLOOR, TWAD HOUSE, KAMARAJAR SALAI,  
CHEPAUK, CHENNAI – 600005.

Phone: 044 - 28412098

E-mail: twadboardcwa2024@gmail.com

TEST REPORT

Doc. No: SLWTL/FORM/7.8/01

Report No.	TR/2025/252-02	Report Issue Date	28.05.2025	Page No. : 01 of 01
Invoice Details	3454/dt.23.05.2025/ Rs.1180/-	ULR. No.		

Client Name & Address	VELS GLOBAL SCHOOL		
Contact No. / Email.ID	No.10/421, 422, Mambakkam Main Road, Medavakkam, Chennai – 600100.		
Sample Name	Water – Drinking Water		
Sample / Lab No.	2025/252		
Sample Source	Bore Well		
Sample Description	Clear Colourless Liquid		
Sample Submitted by	Customer		
Location & Date	Medavakkam/dt.23.05.2025/10.00AM		
Sample Container	Plastic – Good Condition		
Quantity of sample Received	2 Litres	Sample Condition on Receipt	Good
Sample Received on	23.05.2025	Environmental Condition	25.7°C
Test Commenced on	23.05.2025	Test Completed on	28.05.2025

S. No.	Parameters	Test Method	Unit	Result	Specification as per IS 10500: 2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	P. Alkalinity as CaCO <sub>3</sub>	IS 3025: Part 23: 2023	mg/L	Zero	--	--
2	Sodium as Na	IS 3025 (Part 45) : 1993	mg/L	137	--	--
3	Potassium as K	IS 3025 (Part 45) : 1993	mg/L	2	--	--
4	Manganese as Mn	IS 3025 (Part 59) : 2023	mg/L	BDL(DL=0.05)	0.1	0.3
5	Ammonia as NH <sub>3</sub> - N	IS 3025 (Part 34) : 2019	mg/L	0.31	0.5	No relaxation
6	Nitrite as NO <sub>2</sub>	IS 3025 (Part 34/Sec-1) : 2023	mg/L	0.01	--	--
7	Phosphate as PO <sub>4</sub>	IS 3025 (Part 31/Sec-1) : 2022	mg/L	0.39	--	--
8	Oxygen Demand (Tidy's Test) 4 hrs. as O <sub>2</sub>	IS 3025 (Part 63) : 2007	mg/L	0.48	--	--

Remark: The tested sample conform to IS: 10500:2012 (RA: 2023) Drinking water Acceptable Limit / Permissible Limit specification with respect to above tested parameters of Chemical.

.....End of the Report.....

Reviewed by *[Signature]* 20/5/25  
Junior Water Analyst / Assistant Water Analyst  
**J. Christma Juliet**  
Principal  
**VELS GLOBAL SCHOOL** Authorised Signatory  
No: 10 / 421, 422, Mambakkam Main Road,  
Medavakkam, Chennai-600 100.  
Dr. V. Gopal – Chief Water Analyst

Note:

- The test results relate only to the items tested.
- The test report shall not be reproduced anywhere except in full and in the same format without the permission of the laboratory.
- The test items will not be retained for more than 15 days from the date of issue of the test report.
- The result applied to the sample as received basis.
- P. Alkalinity is Zero when pH of water sample is less than 8.30.
- BDL: Below Detection Limit; DL: Detection Limit.

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Invoice Details	3454/dt.23.05.2025/ Rs.1180/-	ULR. No.	--	

Client Name & Address		VELS GLOBAL SCHOOL				
Contact No. / Email.ID		No.10/421, 422, Mambakkam Main Road, Medavakkam, Chennai – 600100.				
Sample Name	:	Water – Drinking Water				
Sample / Lab No.	:	2025/252				
Sample Source	:	Bore Well				
Sample Description	:	Clear Colourless Liquid				
Sample Submitted by	:	Customer				
Location & Date	:	Medavakkam/dt.23.05.2025/10.00AM				
Sample Container	:	Plastic – Good Condition				
Quantity of sample Received	:	2 Litres	Sample Condition on Receipt	:	Good	
Sample Received on	:	23.05.2025	Environmental Condition	:	25.7°C	
Test Commenced on	:	23.05.2025	Test Completed on	:	28.05.2025	
S. No.	Parameters	Test Method	Unit	Result	Specification as per IS 10500: 2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	Colour	IS 3025: Part 4: 2021	Hazen	BDL(DL=2)	5	15
2	Odour	IS 3025: Part 5: 2018	--	Agreeable	Agreeable	Agreeable
3	Taste	IS 3025: Part 8: 2023	--	NT	Agreeable	Agreeable
4	Turbidity	IS 3025: Part 10: 2023	NTU	BDL(DL=0.5)	1	5
5	pH @ 25°C	IS 3025: Part 11: 2022	--	6.94	6.5-8.5	No Relaxation
6	EC @ 25°C	IS 3025: Part 14: 2013	µS/cm	1342	--	--
7	Total Dissolved Solids	IS 3025: Part 16: 2023	mg/L	943	500	2000
8	Total Alkalinity as CaCO <sub>3</sub>	IS 3025: Part 23: 2023	mg/L	309	200	600
9	Total Hardness as CaCO <sub>3</sub>	IS 3025: Part 21: 2009 (RA 2023)	mg/L	352	200	600
10	Calcium as Ca	IS 3025: Part 40: 2024	mg/L	99	75	200
11	Magnesium as Mg	IS 3025: Part 46: 2023	mg/L	25	30	100
12	Iron as Fe	IS 3025: Part 53: 2024	mg/L	BDL(DL=0.1)	1.0	No Relaxation
13	Chloride as Cl	IS 3025: Part 32: 1988 (RA 2019)	mg/L	161	250	1000
14	Nitrate as NO <sub>3</sub>	IS 3025: (Part 34/Sec-1): 2023	mg/L	39	45	No Relaxation
15	Fluoride as F	IS 3025: (Part 60/Sec-1): 2023	mg/L	0.45	1.0	1.5
16	Sulphate as SO <sub>4</sub>	IS 3025: (Part 24/Sec 1): 2022	mg/L	91	200	400

Remark: The tested sample conform to IS: 10500:2012 (RA: 2023) Drinking water Acceptable Limit / Permissible Limit specification with respect to above tested parameters of Chemical.

.....End of the Report.....

*30/5/25*  
Reviewed by

*J. Christma Juliet*  
**Principal**

*30/5/25*

Junior Water Analyst / Assistant Water Analyst

**VELS GLOBAL SCHOOL**

Dr. V. Gopal – Chief Water Analyst

No: 10/ 421, 422, Mambakkam Main Road,  
Medavakkam, Chennai-600 100.

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- The result applied to the sample as received basis.
- BDL: Below Detection Limit; DL: Detection Limit; NT: Not Tested (Bacteriologically unsafe).

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