



**TAMILNADU WATER SUPPLY AND DRAINAGE BOARD**  
**DISTRICT WATER TESTING LABORATORY**  
**NABL Accreditation with the Standard ISO/IEC 17025:2017**  
**No.1458, Kanchi Road, Vengikkal, Tiruvannamalai - 606604**  
Phone: 04175- 299907 E-mail: tvmdistrictlab@gmail.com



TC - 10752

**TEST REPORT**

Doc.No: DWTL/FORM/7.8/01

Sample / Lab No:	2023/ 47392	Report Issue Date :	13.09.2023
Invoice Details:	3442/Dt.29.08.2023/Amt.Rs.826/-		
ULR No	TC1075223000047392-47393		

Client Name & Address Contact No / Email.ID	: The Path Global Public School, Malapambadi, Tiruvannamalai.
Sample Name	: Water
Sample Description	: BW
Sample Submitted by	: Customer –Arivazhagan
Location & Date	: Malapambadi & 29.08.2023
Quantity of sample Received	: 2 Litre
Sample Container	: Plastic – Good condition
Sample Condition on Receipt	: Good
Sample Received On	: 29/08/2023
Test Commenced on	: 29/08/2023
Test Completed on	: 07/09/2023
Environmental Condition	: 25.7°C

S.No	Parameters	Test Method	Unit	Result	Specification as per IS 10500 : 2012	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	pH @ 25° C	IS 3025 Part 11-1983	-	7.26	6.5-8.5	6.5-8.5
2	Total Hardness as CaCO <sub>3</sub>	IS 3025 Part 21-20009	mg/L	270	200	600
3	Total Alkalinity as CaCO <sub>3</sub>	IS 3025-Part 23-1986	mg/L	240	200	600
4	Chloride as Cl	IS 3025-Part 32-1988	mg/L	43	250	1000
5	Sulphate as SO <sub>4</sub>	IS 3025-Part 24-1986	mg/L	30	200	400
6	Nitrate as NO <sub>3</sub>	APHA 23rd Edition 2017- 4500 –NO <sub>3</sub> B	mg/L	15	45	45
7	Fluoride as F	APHA 23rd Edition 2017 – 4500- F-D	mg/L	0.2	1.0	1.5

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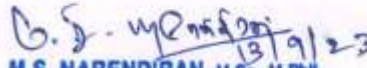
S.No	Parameters	Test Method	Unit	Result	Specification as per IS 10500 : 2012	
					Acceptable Limit	Permissible Limit in the absence of alternate source
8	Appearance	Physical observation	--	Clear	-	-
9	Colour	APHA 23rd Edition 2017 4500 H+B	Hazen	Colourless	Agreeable	Agreeable
10	Odour	IS 3025 Part 5 : 1983	--	None	-	-
11	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	0	1	5
12	Total Dissolved Solids	APHA 23rd Edition 2017 - 2540 C	mg/L	442	500	2000
13	Conductivity	APHA 23rd Edition 2017 - 2510 B	µS/cm	631	-	-
14	P - Alkalinity	IS 3025-Part 23-1983	mg/L	0	-	-
15	Calcium as Ca	APHA 23rd Edition 2017 - 3500 Ca B	mg/L	38	75	200
16	Magnesium as Mn	APHA 23rd Edition 2017- 3500 Mg B	mg/L	32	30	100
17	Sodium as Na	APHA 23rd Edition 2017 - 3500 Na B	mg/L	-	-	-
18	Potassium as K	APHA 23rd Edition 2017 - 3500 K B	mg/L	-	-	-
19	Iron as Fe	APHA 23rd Edition 2017- 3500 Fe B	mg/L	0.00	0.3	1
20	Manganese as Mn	APHA 23rd Edition 2017 - 3500 Mn B	mg/L	0.00	0.1	0.3
21	Ammonia as NH <sub>3</sub>	APHA 17th Edition-1989- 4500 NH3C	mg/L	0.00	0.5	0.5
22	Nitrite as NO <sub>2</sub>	APHA 23rd Edition 2017- 4500-NO2 B	mg/L	0.00	-	-
23	Total Phosphate as PO <sub>4</sub>	APHA 23rd Edition 2017 - 4500 P- D	mg/L	0.00	-	-
24	Tidys 4 hr. test	APHA 23rd Edition 2017 - 4500 O - B	mg/L	0.1	-	-
25	Residual Chlorine as RC	IS / APHA	mg/L	0.0	0.2	0.2
26	Feecal Coliform	IS / APHA	CFU/10 0ml	0	0	0

**Remarks:**The above water sample confirmed to IS 10500-2012. Drinking water specification with respect to above tested parameters.

**Report:47392:** The given water samples is chemically Potable.

**Report:47393:**The given water samples are Bacteriologically not contaminated.

.....End of the report.....

  
**M.S. NARENDIRAN, M.Sc., M.Phil.,**  
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 TWAD Board,  
 District Water Testing Laboratory,  
 Tiruvannamalai.