

Test Report of Water Sample	Report No: ML23/R-01937/1 Issue No: 1 Report Date: 12/06/2023
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Client:	Amrutha Public School, Pachakkarimukku
Address:	Pachakkarimukku, Meppayil, Vatakara, Kozhikode
Contact:	Mr. Sreenivasan K K
Project Name:	Water Sample Analysis
Project Location:	Pachakkarimukku
Tel No:	9745594991

Sample Details			
Received Date:	07/06/2023	Client Sample ID:*	Bore Well (Drinking Purpose)
Work Order ID:	ML23/W-01937	Source:*	Bore Well
Sample ID:	ML23/W-01937/S1	Sampled By:	Matterlab
Date Sampled:	07/06/2023	Sample Quantity:	1.2 L
Sample Location:	Amrutha Public School	Date Tested:	07/06/23 - 10/06/23
Tested By:	SAK/VTH/ACP/VK	Test Method Variation:	None
Test Location:	Matterlab - Kozhikode		

Test/Parameters	Test Method	Unit	Results	Permissible limit in the absence of alternate source	Acceptable limit as per IS 10500:2012
Electrical Conductivity @ 25°C	APHA 2510 B	µS/cm	200.2	No Limit	No Limit
Total Dissolved Solids (TDS)	APHA 2540 C	mg/L	118.5	2000	Max 500
pH @25°C	APHA 4500 H ⁺ B	-	6.56	No Relaxation	6.5 - 8.5
Total Alkalinity	APHA 2320 B	mg/L	92	600	Max 200
Total Hardness	APHA 2340 C	mg/L	72	600	Max 200
Calcium	APHA 3500 Ca B	mg/L	14.4	200	Max 75
Magnesium	APHA 3500 Mg B	mg/L	8.7	100	Max 30
Chloride	APHA 4500 Cl ⁻ B	mg/L	8.3	1000	Max 250
Sulphate as SO ₄	APHA 4500 SO ₄ E	mg/L	< 5.0	400	Max 200
Nitrate as NO ₃	APHA 4500 NO ₃ B	mg/L	< 1.0	No Relaxation	Max 45
Iron	APHA 3500 Fe B	mg/L	0.97	No Relaxation	Max 1.0
Taste & Odour	APHA 2150 A & 2160 A	-	Agreeable	Agreeable	Agreeable
Turbidity	APHA 2130 B	NTU	0.60	5	Max 1.0
Calcium Hardness	APHA 3500 Ca B	mg/L	37.9	No Limit	No Limit
Magnesium Hardness	APHA 3500 Mg B	mg/L	35.8	No Limit	No Limit
Ammonia as NH ₃	APHA 4500NH ₃ F	mg/L	0.08	No Relaxation	Max 0.50

MICROBIOLOGICAL ANALYSIS					
Total Coliforms	APHA 9222 B	cfu/100ml	Not Detected	No Relaxation	Absent /100ml
Faecal Coliforms	APHA 9222 D	cfu/100ml	Not Detected	No Relaxation	Absent /100ml
E.Coli	APHA 9222 H	cfu/100ml	Not Detected	No Relaxation	Absent /100ml

In the given sample, the analysed parameters are within the acceptable limit as per the guideline IS 10500:2012


ANWAR. P
 Lab Manager-Chemistry

Kerala State Pollution Control
 Board Approved Laboratory
 (Approval No: PCB/LAB/C45/2022)

Comments
 *Information provided by client

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 These results relate only to the samples tested.

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No.258/2023

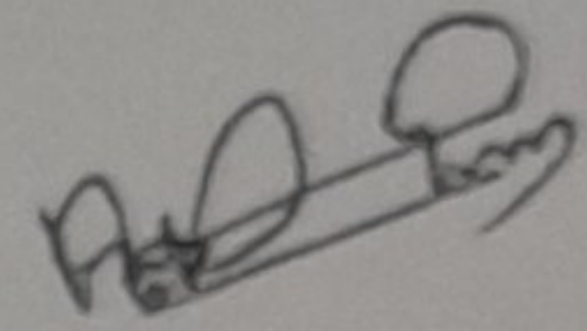
SANITARY CERTIFICATE

This is to Certify that Amrutha Public School in Pathiyarakkara Maniyoor Grama Panchayath Inspected by Health staff of FHC Maniyoor on 29/07/2023 at 11.30am. At the time of Inspection the school premises and building were kept clean and good sanitary condition with safe drinking water facilities .

This certificate is issued only to produce before the CBSE.

Place:Maniyoor

Date:01/08/2023



Health Inspector

FHC Maniyoor

Health Inspector
PHC Maniyoor