



KERALA WATER AUTHORITY

QUALITY CONTROL DISTRICT LAB
MALAPARAMBA, KOZHIKODE

Ph: 0495 2964751

Report No - KWA/KKD/1046/21

Date: 17/04/2021

Customer Name & Address AMRITHA VIDHYALAYAM PUTHUR ARAKKILAD, VADAKARA KOZHIKODE	1.Date of Receipt	: 15/04/2021
	2.Sampling done by	: HEALTH INSPECTOR
	3.Sample code	: 1046
	4.Source of sample	: OPEN WELL
	5.Sample quantity	: 1 LTR
	6.Test performing dates	From : 15/04/2021 To: 16/04/2021

Sl. No	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500-2012	Result
1	Colour	Pt Co. unit	IS 3025 (part 4)-1983 (Reaffirmed 2017)	-	-
2	Odour		IS 3025 (part 5)-2018	Agreeable	-
3	Turbidity	(NTU)	IS 3025 (part 10)-1984 (Reaffirmed 2017)	1	0.6
4	pH at --- °C		IS 3025 (PART 11)-1983 (Reaffirmed 2017)	6.5 to 8.5	6.97
5	Electrical conductivity at 25°C	(micro mhos/cm)	IS 3025 (part 14)-2013 (Reaffirmed 2019)		113.6
6	Acidity	(mg/litre)	IS 3025 (part 22)-1986 (Reaffirmed 2019)		6
7	Alkalinity	(mg/litre)	IS 3025 (PART 23)-1986 (Reaffirmed 2019)	200	26.3
8	Sulphate (as SO ₄)	(mg/litre)	IS 3025 (PART 24)-1986 (Reaffirmed 2019)	200	0.6
9	Phosphate [as PO ₄]	(mg/litre)	IS 3025 (PART 31)-2008 (Reaffirmed 2019)		ND
10	Total Dissolved Solids (TDS)	(mg/litre)	IS 3025 (part 16)-1984 (Reaffirmed 2017)	500	68.2
11	Total Hardness (as CaCO ₃)	(mg/litre)	IS 3025 (part 21)-2009 (Reaffirmed 2019)	200	26.3
12	Calcium (as Mg)	(mg/litre)	IS 3025 (part 40)-1991 (Reaffirmed 2019)	75	8.09
13	Magnesium (as Mg)	(mg/litre)	IS 3025 (part 46)-1994 (Reaffirmed 2019)	30	1.47
14	Chloride (as Cl)	(mg/litre)	IS 3025 (part 32)-1988 (Reaffirmed 2019)	250	14
15	Fluoride (as F)	(mg/litre)	APHA 4500F-D 23rd Edition	1.0	ND
16	Iron (as Fe)	(mg/litre)	IS 3025 (part 53)-2003 (Reaffirmed 2014)	1.0	ND
17	Nitrate (as NO ₃)	(mg/litre)	APHA4500NO3-B 23rd Edition	45	24
18	Ammonia	(mg/litre)	IS 3025 (part 34)-2008 (Reaffirmed 2019)	0.5	ND
19	Residual Chlorine	(mg/litre)	IS 3025 (part 26)-1986 (Reaffirmed 2019)	0.2	-

NB:- The results stated above related only to the samples(S) submitting for testing. This test Certificate shall not be reproduced except in full without the written approval of the Laboratory.



Authorized By : Chemist

End of Report

SENIOR CHEMIST
WATER QUALITY DISTRICT LAB
KERALA WATER AUTHORITY
MALAPARAMBA
KOZHIKODE - 673009



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	2.Sampling done by	: HEALTH INSPECTOR
	3.Sample code	: 1046
	4.Source of sample	: OPEN WELL
	5.Sample quantity	: 100 ML
	6.Test performing dates	From : 15/04/2021 To: 16/04/2021

Sl. No	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500-2012	Result
1	Coliforms	CFU/100 ml	IS 15185(part1) 2002 reaffirmed2016	Shall not be detectable in any 100ml sample	210
2	E coli	CFU/100 ml	IS 15185(part1) 2002 reaffirmed2016	Shall not be detectable in any 100ml sample	PRESENT

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Authorized By : Micro Biologist

End of Report

KWA/QC/KKD/RESULT/B

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