



High - Tech. Laboratory

Specialist in Water & Effluent Analysis)

App. by. Kerala State Pollution control Board. No.PCB/CL/RL./2/2016

Manjooran-Lane, Aluva-683 101

No. 733-2022

ANALYSIS REPORT

Mob: 9446867134

SIVAGIRI VIDYANIKETAN SENIOR SECONDARY SCHOOL, THOTTUMOKOM		
Name of the party	KWA WATER	Limit IS. 10500-1991
Source of sample		
Date	23.8.2022	
Colour, (Hazen Unit)	Colorless-odorless	5 max
Turbidity (NTU)	.82	5.0 max
PH	7.08	6.5 - 8.5
Conductivity (micromhos) (c m)	72	-
Acidity	Agreeable	Agreeable
Total Alkalinity (as CaCo3)	20.8	200 max
Total Hardness	20	300 max
Calcium Hardness	18	
Magnesium Hardness	2.0	
Calcium (as Ca)	8.2	75 max
Magnesium (as Mg)	.42	30 max
Iron (as Fe)	.20	0.3 max
Sulphate (as So4)	2.6	200 max
Chloride (as cl)	18.2	200 max
Flouriedes (as F)	.12	1.0 max
Lead (as Pb)	Nil	.01
Sodium	-	200 max
Potassium	-	12 max
Manganese	Nil	.1 max
Sulphide	Absent	.05 max
Nitrites	Nil	.02
Nitrates	Nil	45 max
Total Solids	32.8	-
Dissolved Solids	30.2	500 max
Oxygen dissolved	6.6	6 Min
Suspended Solids	.68	
Residual Chlorine	.20	0.2 max
Copper (ascu)	-	0.05max
Aluminium (as AL)	-	0.03 max
Oil and Grease	Nil	Nil
Phenolic Compound	Nil	Nil
Ammonia Nitrogen	Absent	Nil
Bacteriology	-	Nil
Coliform	Absent	Nil
E.coli	Absent	Nil

Remarks : Certified that the sample of KWA water received from the party is fit for a drinking as per BIS 10500.

Date: 23.8.2022

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