## SIGNATURE SOLUTIONS



(Approved by Pollution Control Board, Government of Kerala)
(Approval No. PCB/LAB/C21/2018)
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## WATER ANALYSIS REPORT

Source Of Sample	Open Well		
Name & Address	Springs International School. Tana.		
Sampling Done by	Party		
Code No. of Sample	118		
Sample Received on	24/05/2023		

Characteristics	Method of	Result	Desirable
	Analysis		Limit
Color	VISUAL	Colorless	
Odor	IS:3025	Agreeable	Agreeable
Turbidity	IS:3025	1NTU	5 NTU
рН	IS:3025	6.58	6.5 – 8.5
Electrical Conductivity	IS:3025	71µS/cm	-
Total Dissolved Solids	IS:3025	130mg/l	500mg/l
Alkalinity	IS:3025	24mg/l	200mg/l
Total Hardness	IS:3025	28mg/l	200mg/l
Calcium as Ca	IS:3025	9.61mg/l	70mg/l
Magnesium as Mg	IS:3025	0.97mg/l	30mg/l
Chlorides	IS:3025	20mg/l	250mg/l
Ammonia	IS:3025	BDL	0.5mg/l
Sulphate	IS:3025	6.0mg/l	200mg/l
Iron	IS:3025	BDL	0.3mg/l
Fluoride	IS:3025	0.1mg/l	1mg/l
Coliforms	IS:3025	ABSENT	ABSENT
E.coli	IS:3025	ABSENT	ABSENT
	Color Odor Turbidity pH Electrical Conductivity Total Dissolved Solids Alkalinity Total Hardness Calcium as Ca Magnesium as Mg Chlorides Ammonia Sulphate Iron Fluoride Coliforms	AnalysisColorVISUALOdorIS:3025TurbidityIS:3025pHIS:3025Electrical ConductivityIS:3025Total Dissolved SolidsIS:3025AlkalinityIS:3025Total HardnessIS:3025Calcium as CaIS:3025ChloridesIS:3025SulphateIS:3025IronIS:3025FluorideIS:3025ColiformsIS:3025	AnalysisColorVISUALColorlessOdorIS:3025AgreeableTurbidityIS:30251NTUpHIS:30256.58Electrical ConductivityIS:302571µS/cmTotal Dissolved SolidsIS:3025130mg/lAlkalinityIS:302524mg/lTotal HardnessIS:302528mg/lCalcium as CaIS:30259.61mg/lMagnesium as MgIS:302520mg/lChloridesIS:3025BDLSulphateIS:3025BDLFluorideIS:30250.1mg/lColiformsIS:3025ABSENT

\*BDL: Below Detectable Limit.

**Opinion of Analyst:** Satisfactory.



Date : 26-05-2023