



# ENVIROCHEM LABORATORIES PRIVATE LIMITED

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(LABORATORY APPROVED BY KERALA STATE POLLUTION CONTROL BOARD)

## TEST REPORT

ANALYSIS REPORT : WATER		DATE		04.11.2020	
Source of Sample		Well		NAME OF PARTY	
Mode of Sampling		Supplied by Party		Sree Gokulam Public School, Pazhuvil West.	
Date of Collection		30-10-2020			
Ref. No.		ELPL/TCR/LAB/1654/2020			
Sl. No	Parameters	Method of Analysis	Unit	Value	Standard Limits
1.	PH	Electrometric Method (IS 3025 1964)		7.3	6.5-8.5
2.	Turbidity	Neflometric Method	NTU	0.1	5
3.	Total Dissolved Solids	Gravimetric Method With evaporation (IS 3025 1964 part 15)	Mg/L	84.0	500
4.	Acidity	Titrimetric Method (IS 3025(part 22)1986)	Mg/L	25.0	-
5.	Conductivity	Instrumental Method (IS 3025(Part 14)1983)	µs/cm	153.0	-
6.	Chloride	Argentometric Method (APHA 19 <sup>th</sup> Edition 1995 4500 Cl-B)	Mg/L	19.8	25
7.	Sulphate	Turbidimetric Method (APHA 19 <sup>th</sup> Edition 1995 4500 SO <sub>4</sub> <sup>2-</sup> B)	Mg/l	22.7	15
8.	Total Hardness	EDTA Titrimetric Method (APHA 19 <sup>th</sup> Edition 1995 2340 C)	Mg/L	32.5	30
9.	Calcium	EDTA Titrimetric Method ( APHA 19 <sup>th</sup> Edition 1995 3500 Ca D)	Mg/L	17.6	7
10.	Magnesium	Calculation Method (APHA 19 <sup>th</sup> Edition 1995 3500 Mg E)	Mg/L	5.1	3
11.	Iron	Phenanthroline Method (APHA 19 <sup>th</sup> Edition 1995 3500 Fe D)	Mg/L	0.02	0
12.	Alkalinity	Titrimetric Method (APHA 19 <sup>th</sup> Edition) 1995 2320 B	Mg/L	77.5	2
13.	Coliform - MPN lx	Multiple Tube Fermentation With Mac Conkey Broth	MPN	3.0	
REMARKS		From the analysis all the analysed parameters are within the limit. So the given water is suitable for drinking purposes.			
CHIEF CHEMIST					

