

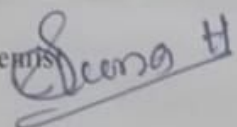
**KERALA WATER AUTHORITY**  
**QUALITY CONTROL REGIONAL LABORATORY**  
**THIRUVANANTHAPURAM**  
REPORT ON ANALYSIS OF WATER

Name: AJ Central Senior Secondary School, Kazhakootam  
 Date of Receipt: 5/10/2020  
 Date of Testing: 5 /10/2020

Sl. No.	Characteristics	Units	Desirable limits	Actual Content
			As per IS 10500 – 2012 (Drinking Water)	Tube Well
1	Colour	Hazen /Pt.Co.Units	5	5
2	Turbidity (NTU)	NTU	1	0.43
3	pH		6.5-8.5	5.57
4	Electical Conductivity	us/cm		39.6
5	Temprature	0C		28.9
6	Acidity	mg/litre		10
7	Alkalinity	mg/litre	200	14
8	Sulphate (as SO <sub>4</sub> )	mg/litre	200	1.0
9	Total dissolved solids	mg/litre	500	20.0
10	Total hardness (as CaCO <sub>3</sub> )	mg/litre	200	NIL
11	Calcium (Ca)	mg/litre	75	NIL
12	Magnesium (Mg)	mg/litre	30	NIL
13	Chloride (as Cl)	mg/litre	250	10
14	Flouride (as F)	mg/litre	1	0.210
15	Iron (as Fe)	mg/litre	0.3	0.000
16	Nitrate	mg/litre	45	1.429
17	Residual Chlorine	mg/litre	0.2	NIL

18	Total Coliforms	CFU/100ml	Zero	NIL
19	E-coli	CFU/100ml	Zero	NIL

Signature of Chemist



Signature of Asst.Engineer



Asst. Engineer  
 Quality Control District Lab,  
 Thiruvananthapuram