

# QUALITY CONTROL SUB DIVISION, THRISSUR-5

Phone: 0487 - 2338380

## REPORT ON ANALYSIS OF WATER

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I. Name & Address : *Al-Islah English School, Kechery*      III. Date of Collection : *10/4/19*  
 II. Date of Testing : *10/4/19-23/4/19*      IV. Sample is collected by : *The Party*

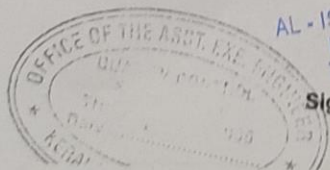
Specification BIS 10500:2012

Sl. No.	Characteristics	Unit	Acceptable Limit	Permissible Limit	Actual Contents / Samples	
					1	2
<b>PHYSICAL PARAMETERS</b>						
1.	Turbidity	NTU	1	5		
2.	Electrical Conductivity	Micro mhos/cm				
3.	pH		6.5 to 8.5	No. Relaxation		
4.	Total Dissolved Solids	mg/litre	500	2000		
<b>CHEMICAL PARAMETERS</b>						
5.	Acidity	mg/litre				
6.	Alkalinity	mg/litre	200	600		
7.	Total Hardness (as Ca CO <sub>3</sub> )	mg/litre	200	600		
8.	Calcium (as Ca)	mg/litre	75	200		
9.	Magnesium (as Mg)	mg/litre	30	100		
10.	Chloride (as Cl)	mg/litre	250	1000		
11.	Fluoride	mg/litre	1.0	1.5		
12.	Iron (as Fe)	mg/litre	0.3	1.0		
13.	Nitrate (as NO <sub>3</sub> )	mg/litre	45	100		
14.	Sulphate (as SO <sub>4</sub> )	mg/litre	200	400		
15.	Dissolved Oxygen	mg/litre				
16.	Biochemical Oxygen Demand (BOD)	mg/litre				
17.	Chemical Oxygen Demand (COD)	mg/litre				
18.	Residual Chlorine (Min)	mg/litre	0.2	1		
19.	Phosphate (as PO <sub>4</sub> )	mg/litre				
20.	Manganese	mg/litre	0.1	0.3		
21.	Others					
<b>BACTERIOLOGICAL ANALYSIS</b>						
22.	Coliforms	No. of Coliforms/100ml	Shall not be detectable in any 100ml sample		133	
23.	Echerichia Coli	No. of E.Coli/100ml			NIL	
24.	Remarks					

*Coliform bacteria Present.*

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*[Signature]*  
 PRINCIPAL  
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*[Signature]*  
 Signature of Assistant Executive Engineer/Assistant Engineer

ASSISTANT ENGINEER  
 QUALITY CONTROL SUB-DIVISION