

**KERALA WATER AUTHORITY**

Office of the Assistant Engineer,  
Quality Control District Lab,  
Aluva: 683 101  
Ph. / Fax-0484-2623576  
Dated: 23.01.2019  
Email:qcddlaluva@gmail.com

No. QCDL – 22/2006/VOL.VI

From

The Assistant Engineer.

To

The Principal,  
Al-Amal Public School,  
Nellikuzhi. P.O.  
Kothamangalam.

Sir,

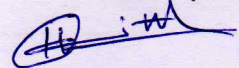
Sub: Water sample test result-forwarding – Reg.

Ref: Letter No. NIL & receipt No.0636911 dt. 15.01.2019.

I am forwarding here with the test result of analysis of water sample handed over to this lab on 16.01.2019.

Acc: As above

Yours faithfully,

  
**ASSISTANT ENGINEER**

Copy submitted to The AEE,SRI, KWA, Nettoor for favour of information





# KERALA WATER AUTHORITY

QUALITY CONTROL DISTRICT LAB, ALUVA.

## REPORT ON ANALYSIS OF WATER

<b>I</b>	<b>Name</b>	The Principal, Al-Amal Public School, Nellikkuzhi. P.O. Kothamangalam. Ph. 9142347887.
<b>II</b>	<b>Source of Sample</b>	Well
<b>III</b>	<b>Date of Testing</b>	17.01.2019

### PHYSICAL/CHEMICAL ANALYSIS

Sl. No.	Characteristics	Units	Acceptable limits as per BIS 10500/2012	Results
1	Colour	Pt Co. Units	5	-
2	Odour		Agreeable	Agreeable
3	Turbidity	(NTU)	1.0	0.4
4	pH		6.5 to 8.5	7.4
5	Electrical conductivity	(micromhos/cm)		8.28
6	Acidity	(mg/litre)		2
7	Alkalinity	(mg/litre)	200	12
8	Total Dissolved Solids (TDS)	(mg/litre)	500	4.1
9	Total Hardness (as CaCO <sub>3</sub> )	(mg/litre)	200	BDL
10	Calcium (as Ca)	(mg/litre)	75	BDL
11	Magnesium (as Mg)	(mg/litre)	30	BDL
12	Chloride (as Cl)	(mg/litre)	250	6.0
13	Iron (as Fe)	(mg/litre)	1.0	BDL
14	Sulphate (as SO <sub>4</sub> )	(mg/litre)	200	BDL
15	Nitrate (as NO <sub>3</sub> )	(mg/litre)	45	BDL

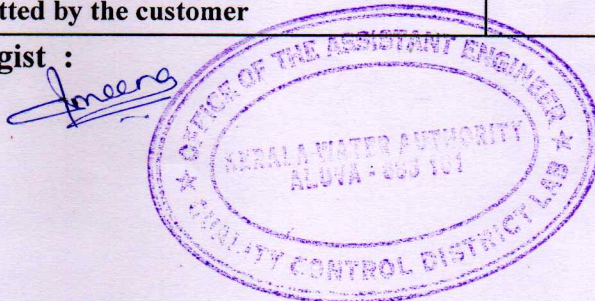
BDL - Below Detectable limit

Signature of Chemist :

### BACTERIOLOGICAL ANALYSIS

	<b>Date of Testing</b>	16.01.2019 to 22.01.2019.		
Sl. No.	Source	No of Coliforms per 100ml of sample	E.Coli in 100ml of sample	
1	Water sample submitted by the customer	0	ABSENT	

Signature of Bacteriologist :



Assistant Engineer

ASSISTANT ENGINEER  
QUALITY CONTROL DISTRICT LAB, EKM  
KERALA WATER AUTHORITY  
ALUVA