

No. 78/2020

## CERTIFICATE

Certified that I have inspected the sanitary conditions and drinking water sources which belongs to Believers Church Grace Garden Public School, Grace nagar, Ayyappancoil. P.O, Mattukkatta, and found satisfactory.

PHC Ayyappancoil

05/09/20



*[Signature]*  
HEALTH INSPECTOR  
Primary Health Centre  
Ayyappancoil  
Alady, K.Chappath P.O.

Note:- Necessary instructions given to chlorinate the drinking water sources (with Bleaching Powder) fortnightly.

*[Signature]*

*[Signature]*



Mr. JOY SEBASTIAN (PRINCIPAL)  
GRACE GARDEN PUBLIC SCHOOL  
AYYAPPANCOIL P.O. MATTUKATTA  
Idukki 685507 Kerala  
School Code-42117- ARI No 330560  
Email: johns\_englishacademy@ayyapcoil.com



**KERALA WATER AUTHORITY**  
**QUALITY CONTROL DISTRICT LABORATORY, CHERUTHONY, IDUKKI**  
**Mob: 9447747257**

**REPORT ON ANALYSIS OF WATER**

15-07-2020

Address: Mr Joy Sebastian  
 Grace Garden Public School  
 Mattukatta  
 Ayyappencoil

Phone: 6282970098

Receipt No: 0417800

Date of Receipt: 10-07-2020

Date of Collection: 10-07-2020

Date of Testing: 14-07-2020

Source: Well

Sl No.	Characteristics	Unit	Desireble limit as per IS. 10500: 2012	Actual contents
1	Colour	Hazen/Pt.Co.Units	5	5
2	Odour		Agreable	Agreable
3	Turbidity(NTU)	NTU	1.00	0.10
4	p <sup>H</sup>		6.50 - 8.50	5.86
5	Electrical Conductivity	µs/cm		14.80
6	Acidity	mg/litre		24.00
7	Alakalinity	mg/litre	200.00	14.00
8	Sulphate (SO <sub>4</sub> )	mg/litre	200.00	BDL
9	Total Disolved Solids(TDS)	mg/litre	500.00	9.6200
10	Total Hardness (CaCO <sub>3</sub> )	mg/litre	200.00	6.0000
11	Calcium(Ca)	mg/litre	75.00	1.6032
12	Magnesium(Mg)	mg/litre	30.00	0.4860
13	Chloride(Cl)	mg/litre	250.00	10.0000
14	Fluoride(F)	mg/litre	1.00	BDL
15	Iron(Fe)	mg/litre	1.00	0.02
16	Nitrate(NO <sub>3</sub> )	mg/litre	45.00	1.3290
<b>BACTERIOLOGICAL ANALYSIS</b>				
17	Total Coliform (in 100 ml)			Nil

BDL: Below detectable limit

Remarks: p<sup>H</sup> is low

*True Copy*



*Mr. JOY SEBASTIAN*  
 GRACE GARDEN PUBLIC SCHOOL  
 AYYAPPANCOIL P O MATTUKATTA  
 Idukki-685107 Kerala

*Assistant Engineer*  
 ASSISTANT ENGINEER  
 ASSISTANT ENGINEER