



## KERALA WATER AUTHORITY

QUALITY CONTROL DISTRICT LABORATORY, CHERUTHONY, IDUKKI-685602

Phone 04862-294353, 9447747257 Email- qcldldk@yahoo.in

NO.QCDL/IDK/F/05-2020

Date: 13.10.2021

From

The Assistant Engineer

To

Principal  
Vimala Public School  
Vettimattom, Thodupuzha

Sir,

Sub:- Water Sample Test Result forwarding reg:-

Ref:- Letter No. 838/20-21 & Receipt No.0407536dated 07.10.2021.

I am forwarding herewith the test result of analysis of water samples in favour of Ani Mathew, Vimala Public School, Vettimattom, Thodupuzha handed over to this lab on 07.10.2021.

Yours faithfully,

ASSISTANT ENGINEER.

For ASSISTANT ENGINEER  
Quality Control District Lab  
Kerala Water Authority  
Cheruthony-Idukki-685 602.

Acc:As above.

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PRINCIPAL  
Vimala Public School  
Vettimattom, Kalayanthani -685588  
Thodupuzha, Idukki Dist., Kerala



# KERALA WATER AUTHORITY

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## QUALITY CONTROL DISTRICT LAB, CHERUTHONY, IDUKKI-655602 (NABL ACCREDITED) WATER TEST REPORT

ULR NO: TC856021000110210F

Report Issue Date: 13/10/2021

Customer Name & Address	Date of Receipt of Payment	07/10/2021
Principal Vimala Public School Vettimattom, Thodupuzha	Date of Sample Received	07/10/2021
	Sampling Given by	Customer
	Sample Code	IDK-2363/10/2021
	Sample Name	Open Well Water
	Sample Condition	Good
	Source of Sample	Open Well Water
	Sample Quantity	2 lit
	Test performing date	07/10/2021

Sl.No	Characteristics	Unit	Test Method	Acceptable Limit as per IS 10500-2012	Result
1	Colour	Pt Co. Units	IS 3025 (Part 4)-1963(Reaffirmed 2017)	5	5
2	Odour	-	IS 3025 (Part 5)-2018	Agreeable	Agreeable
3	Turbidity	(NTU)	IS 3025 (Part 10)-1984(Reaffirmed 2017)	1.0	0.95
4	P <sup>H</sup> at 25 °C	-	IS 3025 (Part 11)-1963(Reaffirmed 2017)	6.5 to 8.5	6.42
5	Total Alkalinity	(mg/litre)	IS 3025 (Part 23)-1963(Reaffirmed 2019)	200	33.44
6	Total Dissolved Solids (TDS)	(mg/litre)	IS 3025 (Part 16)-1964(Reaffirmed 2017)	500	49.33
7	Total Hardness (as CaCO <sub>3</sub> )	(mg/litre)	IS 3025 (Part 21)-2009(Reaffirmed 2019)	200	37.380
8	Calcium (as Ca)	(mg/litre)	IS 3025 (Part 40)-1991(Reaffirmed 2019)	75	8.989
9	Magnesium (as Mg)	(mg/litre)	IS 3025 (Part 46)-1964(Reaffirmed 2019)	30	3.633
10	Chloride (as Cl)	(mg/litre)	IS 3025 (Part 32)-1988(Reaffirmed 2019)	250	5.604

### Remarks -

NB: The result stated above related only to the sample(s) submitted for testing by the customer. The test certificate shall not be reproduced except in full without the written approval of the Laboratory.

Priya K.K.

Authorized by CHEMIST

Name & Designation: Quality Control District Lab

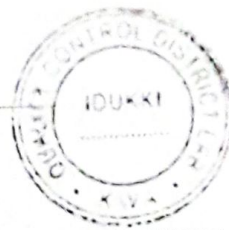
KWA/QCDL/IDK/F/05-2020	Issue: 1	Issue Date: 10/06/2021
Rev No: 1	Rev Date: 10/06/2021	Prepared by: Priya K.K.

End of Report

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# KERALA WATER AUTHORITY

QUALITY CONTROL DISTRICT LAB, CHERUTHONY, IDUKKI-685602

## WATER TEST REPORT

Report No : KWA/QCDL/IDK/F/5/2363/21-22

Report Issue Date : 13 10 2021

Customer Name & Address  Principal Vimala Public School Vettimattom, Thodupuzha	Date of Receipt of Payment	07 10 2021
	Date of Sample Received	07 10 2021
	Sampling Given by	Customer
	Sample Code	IDK-2363/10/2021
	Sample Name	Open Well Water
	Sample Condition	Good
	Source of Sample	Open Well Water
	Sample Quantity	2 ltr
	Test performing date	07 10 2021

Sl.No	Characteristics	Unit	Test Method	Acceptable Limit as per IS 10500:2012	Result
1	Electrical conductivity at 25- C	(micromhos/cm)	IS 3025 (Part 14)-2013(Reaffirmed 2019)	-	86.75
2	Acidity	(mg/litre)	IS 3025 (Part 22)-1986(Reaffirmed 2019)	-	36
3	Sulphate (as SO4)	(mg/litre)	IS 3025 (Part 24)-1984(Reaffirmed 2017)	200	ND
4	Fluoride (as F)	(mg/litre)	IS 3025 (Part 60)-2008(Reaffirmed 2013)	1	0.011
5	Iron (as Fe)	(mg/litre)	IS 3025 (Part 53)-2003(Reaffirmed 2014)	1	0.14
6	Nitrate (as NO3)	(mg/litre)	APHA 23 rd Edition (UV Screening Method)2017	45	1.02
7	Residual Chlorine	(mg/litre)	IS 3025 (Part 26)-1986(Reaffirmed 2019)	0.2	-

Remarks:-

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Name & Designation

*P. K. K.*  
PRINCIPAL

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	End of Report	Quality Control District Lab Kerala Water Authority Cheruthony - Idukki - 685 602



*True Copy*  
*Annie Mathu*

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### KERALA WATER AUTHORITY

QUALITY CONTROL DISTRICT LAB, CHERUTHONY, IDUKKI-685602

### WATER TEST-BACTERIOLOGY REPORT

Report No : KWA/QCDL/IDK/F/5/2363/21-22

Report Issue Date : 13.10.2021

Customer Name & Address  Principal Vimala Public School Vettimattom, Thodupuzha	Date of Receipt of Payment	07.10.2021
	Date of Sample Received	07.10.2021
	Sampling Given by	Customer
	Sample Code	IDK-2363/10/2021
	Sample Name	Open Well Water
	Sample Condition	Good
	Source of Sample	Open Well Water
	Sample Quantity	125 ml
	Test performing dates	07.10.2021 to 08.10.2021

Sl. No.	Source	No of Coliforms per 100ml of sample	E.Coli in 100ml of sample
1	Water sample submitted by the customer	More than 100 CFU/100 ml	Nil

Remarks:-

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*Aswathy*  
**ASWATHY T.R**  
Authorized by  
Name & Designation

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*Anic Math*  
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