



KERALA WATER AUTHORITY
QUALITY CONTROL SUB DISTRICT LABORATORY THODUPUZHA-685585
Phone: 04862220719, Email-qcsdltdpa@gmail.com

No:QCSDL/TDPA/F/05

Date: 17.04.2024

**From,
The Assistant Engineer
Thodupuzha**

**To,
The Principal
Shantal Jyothi Public School
Muttom
Near Panchayath Office
Thodupuzha
Sir,**

Sub:-Water sample test result forwarding reg:-

Ref:-Letter No. 7513/24-25 & application No:QUA_123575 dated 11.04.2024

**I am forwarding here with the test result of analysis of water samples in favor of
The Principal, Shantal Jyothi Public School, Muttom, Near Panchayath Office
Thodupuzha handed over to this lab on 11.04.2024**

Yours faithfully



Assistant Engineer

Acc: as above



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



KERALA WATER AUTHORITY

QUALITY CONTROL SUB DISTRICT LAB, THODUPUZHA, IDUKKI-685585

Phone : 04862220719

WATER TEST REPORT

- qcsdltdpa@gmail.com

Report Issue Date : 17.04.2024

The Principal Shantal Jyothi Public School Muttom Near Panchayath Office Thodupuzha		Date of Receipt of Payment	11-04-2024			
		Date of Sample Received	11-04-2024			
		Sampling Given by	Customer			
		Sample Code	TDP A 2588			
		Sample Name	Well Water			
		Sample Condition	Good			
		Source of Sample	Well			
		Sample Quantity	2 Litre			
		Test performing date	From 11.04.2024 to 11.04.2024			
Sl.No	Characteristics	Unit		Acceptable Limit as per IS 10500-2012	Permissible limits in absence of alternate source	Result
1	Colour	Hazen	IS 3025 (Part 4)-2021	5	15	4
2	Odour	-	IS 3025 (Part 5)-2018	Agreeable	Agreeable	Agreeable
3	Turbidity	(NTU)	IS 3025 (Part10)-2023	1.0	5.0	0.60
4	P ^H at 25 °C	-	IS 3025 (Part 11)-2022	6.5 to 8.5	No relaxation	8.47
5	Total Alkalinity	(mg/litre)	IS 3025 (Part 23)-2023	200	600	10.50
6	Total Dissolved Solids (TDS)	(mg/litre)	IS 3025 (Part 16)-2023	500	2000	26.00
7	Total Hardness (as CaCO ₃)	(mg/litre)	IS 3025 (Part21)-2009(Reaffirmed 2019)	200	600	4.16
8	Calcium (as Ca)	(mg/litre)	IS 3025 (Part 40)-1991(Reaffirmed 2019)	75	200	Below 5
9	Magnesium (as Mg)	(mg/litre)	IS 3025 (Part 46)-2023	30	100	Below 5
10	Chloride (as Cl)	(mg/litre)	IS 3025 (Part 32)-1988(Reaffirmed 2019)	250	1000	9.61
11	Electrical conductivity at 25°C	(micromhos/cm)	IS 3025(Part 14)-2013 (Reaffirmed 2019)	-	-	52.80
12	Acidity	(mg/litre)	IS 3025 (Part 22)-1986 (Reaffirmed 2019)	-	-	19.00
13	Sulphate	(mg/litre)	IS 3025 (Part 24/sec.1):2022	200	400	6.94
14	Fluoride (as F)	(mg/litre)	SPADNS Method23rd Edition(SPADNS 2017)	1	1.5	0.01
15	Iron (as Fe)	(mg/litre)	IS 3025 (Part 53)-2003 (Reaffirmed 2019)	1	No relaxation	0.10
16	Nitrate (as NO ₃)	(mg/litre)	Phenol Di- Sulphonic Acid Method	45	No relaxation	8.00
17	Residual Chlorine	(mg/litre)	IS 3025 (Part 26)-2021	0.2	-	Nil

Remark :

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



Analysed By

Greethu P. Y

Greethu

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End of Report





KERALA WATER AUTHORITY

QUALITY CONTROL SUB DISTRICT LAB, THODUPUZHA, IDUKKI-685585
WATER TEST REPORT

Phone : 04862220719
- qcsdltdpa@gmail.com

KWA/QCSDL/TDPA/F/6/7513/24-25

Report Issue Date : 17.04.2024

Customer Name & Address		Date of Receipt of Payment	11-04-2024	
The Principal Shantal Jyothi Public School Muttom Near Panchayath Office Thodupuzha		Date of Sample Received	11-04-2024	
		Sampling Given by	Customer	
		Sample Code	TDPA 2588	
		Sample Name	Well Water	
		Sample Condition	Good	
		Source of Sample	Well	
		Sample Quantity	200 ml	
		Test performing dates	From 15.04.2024 to 17.04.2024	
Sl. No.	Source	No of Coliforms per 100ml of sample	E.Coli in 100ml of sample	
	Water sample submitted by the customer	Morethan 100 CFU/ 100 ML	Nil	

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.



Jisha

Authorized by
Name & Designation

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End of Report



Jisha
PRINCIPAL
Shantal Jyothi Public School
Muttom P.O., Thodupuzha
Idukki-685 587