



**KERALA WATER AUTHORITY**  
QUALITY CONTROL SUB DIVISION, THIRUVALLA  
Water Analysis Report

Report No. 130/TVLA/02/2021		Date: 08.02.2021	
Customer Name & Address Ramesh Kumar M K Sree Bhuvanewari English Medium High School, Mannar	1. Date of Receipt	04.02.2021	
	2. Sampling done by	Customer	
	3. Sample Code	2021/QC/TVLA/T17H	
	4. Source of Sample	OPEN WELL	
	5. Sample Quantity	1 LITRE	
	6. Test performing dates From: 05.02.2021 To 05.02.2021		

Sl. No	Characteristics	Unit	Disirable limits As per IS 10500:2012	Test Method	Result
1	Turbidity	(NTU)	1	IS 3025(part10)-1984 (Reaffirmed 2017)	2.3
2	pH at 25 °C		6.5-8.5	IS 3025(part 11)-1983 (Reaffirmed 2017)	6.55
3	Electrical conductivity at 25 °C	(micro mhos/cm)		IS 3025(part14)-2013 (Reaffirmed 2019)	212
4	Acidity	(mg/litre)		IS 3025(part22)-1986 (Reaffirmed 2019)	6
5	Alkalinity	(mg/litre)	200	IS 3025(part 23)-1986 (Reaffirmed 2019)	97.52
6	Sulphate (as SO <sub>4</sub> )	(mg/litre)	200	IS 3025(part24)-1986 (Reaffirmed 2019)	13.63
7	Total Dissolved Solids (TDS)	(mg/litre)	500	IS 3025(part16)-1984 (Reaffirmed 2017)	141
8	Total Hardness (as CaCO <sub>3</sub> )	(mg/litre)	200	IS 3025(part21)-2009 (Reaffirmed 2019)	90
9	Calcium(as Ca)	(mg/litre)	75	IS 3025(part40)-1991 (Reaffirmed 2019)	24.05
10	Magnesium (as Mg)	(mg/litre)	30	IS 3025(part46)-1994 (Reaffirmed 2019)	7.29
11	Chloride(as Cl)	(mg/litre)	250	IS 3025(part32)-1988 (Reaffirmed 2019)	20.82
12	Fluoride (as F)	(mg/litre)	1	IS 3025(part60)-2008 (Reaffirmed 2013)	0.3015
13	Iron (as Fe)	(mg/litre)	0.3	IS 3025(part53)-2003 (Reaffirmed 2014)	0.229
14	Nitrate (as NO <sub>3</sub> )	(mg/litre)	45	IS 3025(part34)-1988 (Reaffirmed 2019)	0.078
15	Residual Chlorine	(mg/litre)	0.2		-

Remarks:- Turbidity above desirable limit.

ND -The results stated above related only to the sample(s) submitted for testing. This test Certificate shall not be reproduced except in full without the written approval of the Laboratory.

Authorized By  
  
SANITARY CHEMIST  
QUALITY CONTROL DISTRICT LAB  
KERALA WATER AUTHORITY  
THIRUVALLA, PATHANAMTHITTA

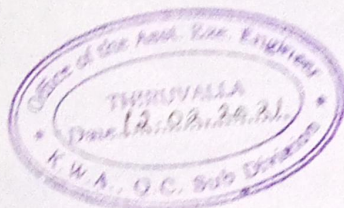
**KERALA WATER AUTHORITY**  
**QUALITY CONTROL SUB DIVISION, THIRUVALLA**  
*Water Analysis Report*

Report No: 139/TVLA/03/2021		Date: 08/02/2021
Customer Name & Address Ramesh Kumar M K Sree Dhuvanswari English Medium High School, Mannar	1. Date of Receipt	05/02/2021
	2. Sampling done by	Customer
	3. Sample Code	202103/TVLA/03/16
	4. Source of Sample	OPEN WELL
	5. Sample Quantity	100 ml
	6. Test performing dates	From: 05/02/2021 To 05/02/2021

**BACTERIOLOGICAL ANALYSIS**

Sl. No	Characteristics	Unit	Test Method	Result
1	Coliform	CFU of Coliforms in 100ml	Membrane Filtration Method	TLTC
2	E-coli	CFU of E.Coli	Membrane Filtration Method	Nil.

Remarks:- Coliforms present.



Authorised by

Page 2/2