



TROPICAL INSTITUTE OF ECOLOGICAL SCIENCES

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Approved Research Centre, Mahatma Gandhi University, Kottayam.

Approved Laboratory, Pollution Control Board.

To : St. Joseph's English Medium School, Keezhoor, Kottayam.
Ref. No : F3657/ TIES/2022
Request Date : 16/03/2022
Date of Testing : 16/03/2022

WATER QUALITY RESULTS

Sr. No.	Parameter	Sample value	Desirable limits as per IS:10500-2012
1	pH	6.7	6.5 - 8.5
2	Conductivity	81.2	1476 μ S
3	Total Dissolved Solids	53.0	500 mg/L
4	Salinity	0.06	3 ppt
5	Acidity	30.0	200 mg/l as CaCO ₃
6	Alkalinity	2.0	200 mg/l as CaCO ₃
7	Chlorinity	111.0	250 mg/l as CaCO ₃
8	Total Hardness	26.0	300 mg/l as CaCO ₃
9	Ca ⁺ ions	2.0	75 mg/l as Ca ⁺
10	Mg ⁺ ions	24.0	80 mg/l as Mg ⁺
11	Total Iron	0	0.3 mg/l as Fe ⁺
12	MPN Count	0	0/100ml
13	FC Count	0	0/100ml
14	<i>E. coli</i>	0	0/1ml

Sampling source : Well
Comment : Fit for drinking purpose as per the desirable limits of IS: 10500-2012.
Remarks : Sample not collected by this Institute.

Signature of Scientist In-charge:

01/04/2022



PRINCIPAL
ST. JOSEPH'S E.M. SCHOOL
KEEZHOOR P.O., THALAYOLAPARAMBU
KOTTAYAM DT. 686 605

Office Seal

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