

# Thiruvananthapuram Corporation

ZTH/1543/19

Date : 15.05.2019

## Certificate

This is to certify that the sanitary and Hygienic conditions of Christ Nagar Senior Secondary School Thiruvananthapuram are satisfactory.

This is Certificate is issued to produce before the Central Board of Secondary education Delhi.



Health Officer



### GOVERNMENT OF KERALA

Government Analysts' Laboratory  
Commissioner of Food Safety  
Department of Health and Family Welfare  
Thiruvananthapuram dtd. 27.06.2022  
Ph: No. 0471-2472192

No.15826/2022-23

#### CERTIFICATE OF EXAMINATION

Description of Sample: Bore well water  
Sample details : The sample received in plastic bottle and sterile bottle  
Source : Principal, Christ Nagar Sr. Sec. School, Thiruvallam, Trivandrum-695 027  
Date of Receipt : 14.06.2022  
Date of Analysis : Started 18.06.2022 and completed on 27.06.2022  
Quantity of Sample : 2L+125 ml  
Physical Appearance : Clear, colourless, odourless

#### Analytical results:

Sl. No. (1)	Quantity Characteristics (2)	Name of method of test used (3)	Result (4)	Acceptable limit as per IS No. 10500:2012 (5)
1.	pH	IS 3025	5.74	6.5 to 8.5
2.	Total Dissolved Solids	IS 3025	70.52 mg/l	500.0 mg/l
3.	Total Hardness (as CaCO <sub>3</sub> )	IS 3025	22.0 mg/l	200.0 mg/l
4.	Alkalinity	IS 3025	4.8 mg/l	200.0 mg/l
5.	Iron (as Fe)	AOAC	0.1 mg/l	1.0 mg/l
6.	Chloride (as Cl)	IS 3025	24.55 mg/l	250.0 mg/l
7.	Sulphates (as SO <sub>4</sub> )	APHA	Nil	200.0 mg/l
8.	Residual Free Chlorine	IS 3025	Nil	0.5 mg/l
9.	Nitrate (as NO <sub>3</sub> )	Lab validated Method	13.3 mg/l	45.0 mg/l
10.	Ammonia	IS 3025	Nil	0.5 mg/l
11.	Turbidity	IS 3025	0.95 NTU	5.0 NTU
12.	Coliforms	IS 1622 : 1981, RA:2005	<2 MPN/100 ml	<2 MPN/100 ml
13.	E.Coli	IS 1622 : 1981, RA:2005	Absent/100 ml	Absent /100 ml

Remarks: pH കുറവാണ്.

Food Analyst

Note: 1. The test report relates to the tested parameters only.  
2. The result related only to the tested item (as received)

