



Food Safety Department  
Regional Analytical Laboratory, Ernakulam,  
Dated.28.11.19

No.12061/2019-20

Description of sample : Kerala Water Authority water  
(Sample forwarded by Health Inspector, Kochin corporation Kochi)  
Sample details : The sample received in plastic can and sterile bottle  
Source : The Principal, Nalanda Public School, Thammanam P.O, Kochi-682032  
Date of Receipt : 22.11.19  
Date of Analysis : Started on 23.11.2019 and completed 27.11.2019  
Sample quantity : 2L+125ml  
Physical Appearance : Clear, Colourless, Agreeable odour  
Analytical results :

Sl. No.	Quantity Characteristics	Name of method of test used	Result	Desirable limit prescribed standard as per IS NO. 10500:1991, 2012 IS 3025 WHO 1993
(1)	(2)	(3)	(4)	(5)
1	pH	IS 3025 Part -11	6.20	6.5 to 8.5
2	Turbidity	IS 3025 Part -10	0.94 NTU	Not more than 5 NTU
3	Alkalinity	IS 3025 Part -23	12.0 mg/l	200.0 mg/l
4	Total Hardness (as CaCO <sub>3</sub> )	APHA 23 <sup>rd</sup> edn	18.0 mg/l	200.0 mg/l
5	Sulphates (as SO <sub>4</sub> <sup>2-</sup> )	APHA Method	6.0 mg/l	200.0 mg/l
6	Iron (as Fe)	Qualitative Analysis by Vogel	0.3 mg/l	0.3 mg/l
7	Residual Free Chlorine	APHA Method	Nil	0.2 mg/l
8	Fluoride (as F <sup>-</sup> )	IS: 3025 Part-60	Nil	1.0 mg/l
9	Chloride (as Cl <sup>-</sup> )	IS 3025 Part -32	9.1 mg/l	250.0 mg/l
10	Nitrite	IS 3025 Part -32	Below Detectable Limit	0.02 mg/l
11	Ammonia	IS: 3025 Part-34	Nil	0.5 mg/l
12	Nitrate (as NO <sub>3</sub> <sup>-</sup> )	APHA Method	Nil	45.0 mg/l
13	Total Dissolved solids	Instrumental by conductivity meter	34.6 mg/l	500.0 mg/l
14	Coliform	IS: 1622-1981 RA2019	<2 MPN/100 ml	<2 MPN/100ml
15	E.coli	IS :1622-1981 RA2019	Absent	Shall be Absent

Remarks: തൃപ്തികരം.

*[Handwritten Signature]*

KAVITHA N.P.  
PRINCIPAL  
Nalanda Public School  
Thammanam, Kochi-682 032

*[Handwritten Signature]*  
FOOD ANALYST

(Seal)

The test report relates to the test items only. No enquires will be entertained after one month issuing test report. Reproduction of test report in part of full without permission is prohibited.



*[Handwritten Signature]*  
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Nalanda Public School  
Thammanam, Kochi-682 032

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SECRETARY  
Nalanda Public School  
Thammanam, Kochi-682 032