



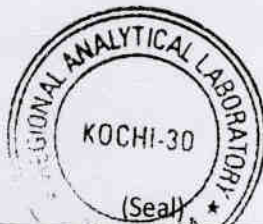
Food Safety Department
Regional Analytical Laboratory, Ernakulam,
Dated. 28.05.19

No.11150/2019-20

Description of sample : Well Water (filtered)
(Sample forwarded by Medical Officer i/c PHC Kakkanaad)
Sample details : The sample received in plastic can and sterile bottle
Source : Executive Director, Naipunya Public School, Thrikkakara P.O, Kochi-21
Date of Receipt : 30.04.19
Date of Analysis : Started on 06.05.2019 and completed 28.05.2019
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 -II 1983	6.8	6.5 to 8.5
2	Turbidity	IS 3025 Part -10	0.22 NTU	Not more than 5 NTU
3	Alkalinity	IS 3025 Part -23	4.0 mg/l	200.0 mg/l
4	Total Hardness (as CaCO ₃)	APHA 23 rd edn	10.0 mg/l	200.0 mg/l
5	Sulphates (as SO ₄ ²⁻)	APHA Method	2.0 mg/l	200.0 mg/l
6	Iron (as Fe)	Qualitative Analysis by Vogel	0.1 mg/l	0.3 mg/l
7	Residual Free Chlorine	APHA Method	Nil	0.2 mg/l
8	Fluoride (as F ⁻)	IS: 3025 Part-60	Nil	1.0 mg/l
9	Chloride (as Cl ⁻)	IS 3025 Part -32	12.0 mg/l	250.0 mg/l
10	Nitrite	IS 3025 Part -34	Below Detectable Limit	0.02 mg/l
11	Ammonia	IS: 3025 Part-34	Nil	0.5 mg/l
12	Nitrate (as NO ₃ ⁻)	APHA Method	9.74 mg/l	45.0 mg/l
13	Total Dissolved solids	Instrumental by conductivity meter	41.5 mg/l	500.0 mg/l
14	Coliform	IS: 1622-1981 RA2014	<2MPN/100 ml	<2 MPN/100ml
15	E.coli	IS :1622-1981 RA2014	Absent	Shall be Absent

Remarks: തൃപ്തികരം.



FOOD ANALYST

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