



GOVERNMENT OF KERALA
CERTIFICATE OF EXAMINATION

WA(P) No.16224/A/23-24

Food Safety Department,
Regional Analytical Laboratory,
Ernakulam
Dated : 09/06/2023
UI R No : TC679323000001871F

Description of sample : Well Water (Sample forwarded by Medical Officer
incharge, FHC, Alangad)
Sample Details : Sample received in Plastic Can + Sterile Bottle
Source : Principal, Infant Jesus Public School, Alangad, 683 511
Date of Receipt : 24/05/2023
Date of Analysis : Started on 27/05/2023 and completed 01/06/2023
Sample quantity : 2 L + 125 ml
Physical Appearance : Clear, Colourless liquid having agreeable odour.

ANALYTICAL RESULT

Sl No.	Test Parameters	Test methods	Result of Analysis	Desirable limit prescribed standard as per IS No.10500:1991,2012
1	pH	FSSAI Manual, 2016	6.61	6.5 to 8.5
2	Turbidity	FSSAI Manual, 2016	0.32 NTU	Not more than 5 NTU
3	Alkalinity	FSSAI Manual, 2016	65.6 mg/l	200.0 mg/l
4	Total Hardness (as CaCo ₃)	APHA,23rd edn,2017	73.08 mg/l	200.0 mg/l
5	Calcium (as Ca)	APHA,23rd edn,2017	20.34 mg/l	75.0 mg/l
6	Magnesium (as Mg)	APHA,23rd edn,2017	5.43 mg/l	30.0 mg/l
7	Sulphates (as So ₄)	AOAC, 21st edn, 2019	27.15 mg/l	200.0 mg/l
8	Residual Free Chlorine	IS 3025; Part - 26	Below Limit of Quantification	0.2 mg/l
9	Flouride (as F-)	APHA, 23rd edn, 2017	Below Limit of Quantification	1.0 mg/l
10	Chloride (as Cl-)	FSSAI Manual, 2016	20.84 mg/l	250.0 mg/l
11	Nitrate (as No ₃ -)	APHA, 23rd edn, 2017	2.85 mg/l	45.0 mg/l
12	Total Dissolved Solids	FSSAI Manual, 2016	165.0 mg/l	500.0 mg/t

Limit of Quantification for Residual Chlorine = 0.1 mg/l
Limit of Quantification for Fluoride = 0.2 mg/l

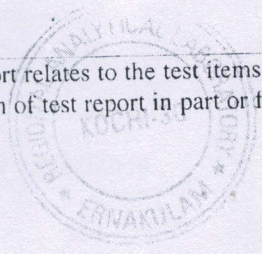
Remarks:- വെള്ളത്തിന്റെ രാസപരിശോധനാഫലം തൃപ്തികരമാണ്. ബാക്ടീരിയോളജിക്കൽ ക്വാളിറ്റി തൃപ്തികരമല്ല. വെള്ളത്തിൽ കോളിഫോം സാന്നിധ്യമുണ്ട്. 4000 ലിറ്റർ വെള്ളത്തിന് 10 ഗ്രാം ബ്ലീച്ചിംഗ് പൗഡർ എന്ന ക്രമത്തിൽ ചേർക്കുക.



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 or full without permission is prohibited. The complete reports includes both A& B





GOVERNMENT OF KERALA
CERTIFICATE OF EXAMINATION

RAL/TR/PVT

WA(P) No.16224/B/23-24

Food Safety Department,
Regional Analytical Laboratory,
Ernakulam
Dated : 09/06/2023

Description of sample : Well Water (Sample forwarded by Medical Officer
incharge, FHC, Alangad)
Sample Details : Sample received in Plastic Can + Sterile Bottle
Source : Principal, Infant Jesus Public School, Alangad, 683 511
Date of Receipt : 24/05/2023
Date of Analysis : Started on 27/05/2023 and completed 01/06/2023
Sample quantity : 2 L + 125 ml
Physical Appearance : Clear, Colourless liquid having agreeable odour.


ANALYTICAL RESULT

Sl No.	Test Parameters used	Test Methods	Result of analysis	Desirable limit prescribed standard as per IS No.10500:1991,2012
1	Iron	Qualitative Inorganic Analysis by Vogel	Below Limit of Quantification	0.3 mg/l
2	Ammonia	Is: 3025 Part -34	Nil	0.5 mg/l
3	Coliforms	IS 1622 1981 RA 2019	220 MPN/100 ml	<2 MPN/100 ml
4	E.Coli	IS 1622 1981 RA 2019	Absent/100 ml	Shall be absent

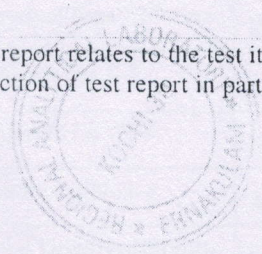
Limit of Quantification for Iron =0.1 mg/l

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 or full without permission is prohibited. The complete reports includes both A& B.


FOOD ANALYST

8





PRIMARY HEALTH CENTRE, ALANGAD (KERALA STATE HEALTH SERVICES)

KARINGAMTHURUTH, KONGORPILLY P.O. ERNAKULAM -683518

EMAIL ID : phcalangad@gmail.com, Ph: 0484-2512711

No. 20/2023-24

21/07/2023

SANITARY CERTIFICATE

Certified that INFANT JESUS PUBLIC SCHOOL, Ernakulam District of Alangad Panchayath has provided adequate health and sanitary facilities like safe drinking water, sufficient number of urinals, separate toilets for boys & girls. The building is provided with proper drainage system & sufficient number of taps for cleaning. The building is provided with proper lighting & ventilation. The sanitary condition and the environment of the premises are satisfactory at the time of inspection.

21/07/2023

HEALTH INSPECTOR
Primary Health Centre
Alangad

