



PRIMARY HEALTH CENTRE, ALANGAD
(KERALA STATE HEALTH SERVICES)

KARINGAMTHURUTH, KONGORPILLY P.O. ERNAKULAM -683518

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

NO.189/2024

28/06/2024

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.

Alangad

28/06/2024



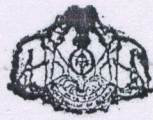
Ajaya Kumar R

HEALTH INSPECTOR INCHARGE

HEALTH INSPECTOR
Primary Health Centre
Alangad



TC-6793



GOVERNMENT OF KERALA

REGIONAL ANALYTICAL LABORATORY
KAKKANAD, ERNAKULAM. Pin 682030
E-mail: regionalanalyticallabernakulam@gmail.com

RAL/TR/PVT

2024 - 25
Water Test CopyTEST REPORT

Report No.10180/A/24-25

ULR No: TC-679324000001371F

Issue Date. 29.05.2024

| | |
|---|--|
| Particulars of the sample : Drinking water (Well) | Name & Address of Customer : The Principal, Infant Jesus Public School, Alangad, Aluva, Ernakulam – 683 511 (Sample forwarded by Health Inspector, FHC, Alangad) |
| Date of receipt of sample : 17.05.2024 | |
| Date of Analysis : 18.05.2024 – 29.05.2024 | |
| Condition of Sample : Fit for Analysis | |
| Sample Description : Clear , Colourless, Odourless liquid | |
| Sample Quantity received : 2 L+ 125 ml | |
| Type of packing : Wax Sealed Plastic Can + Sterile Bottle | |

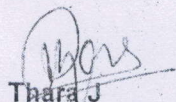
CHEMICAL TESTING

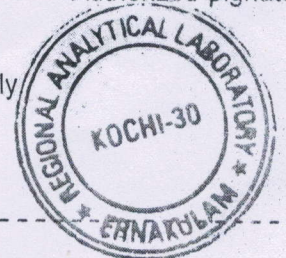
| Sl No. | Parameters | Test Method | Unit | Result | Acceptable Limit as per IS 10500 : 2012 (With Amendment No. 1, 2, 3 & 4) |
|--------|---|---|------|-------------------------|--|
| 1. | pH value | FSSAI Manual of Methods of Analysis of Foods-Water, 2016 | -- | 6.63 | 6.5-8.5 |
| 2. | Turbidity | FSSAI Manual of Methods of Analysis of Foods-Water, 2016 | NTU | 0.95 | Max, 1.0 |
| 3. | Total Alkalinity (as CaCO ₃) | FSSAI Manual of Methods of Analysis of Foods-Water, 2016 | mg/l | 70.68 | Max, 200 |
| 3. | Total Hardness(as CaCO ₃) | APHA,2340 C,24 th Edition | mg/l | 79.17 | Max, 200 |
| 4. | Calcium (as Ca) | APHA,3500 Ca,24 th Edition | mg/l | 21.15 | Max, 75 |
| 5. | Magnesium(as Mg) | APHA ,3500 Mg, 24 th Edition | mg/l | 6.41 | Max, 30 |
| 6. | Sulphates (as SO ₄ ²⁻) | Official Methods of AOAC, Volume I, Method No: 973.57, 22 nd Edition | mg/l | 27.93 | Max, 200 |
| 7. | Fluoride (as F ⁻) | APHA,4500-F ⁻ D, 24 th Edition | mg/l | BQL (LOQ = 0.2 mg/l) | Max, 1.0 |
| 8. | Chloride (as Cl ⁻) | FSSAI Manual of Methods of Analysis of Foods-Water 2016 | mg/l | 28.29 | Max, 250 |
| 9. | Nitrate as (NO ₃ ⁻) | APHA,4500 NO ₃ ⁻ B,24 th Edition | mg/l | BQL (LOQ = 2.0 mg/l) | Max, 45 |
| 10. | Total Dissolved Solids | FSSAI Manual of Methods of Analysis of Foods-Water 2016 | mg/l | 201.0 | Max, 500 |
| 11. | Iron (as Fe ⁻) | APHA 3500 Fe B,24 th edition | mg/l | BQL (LOQ = 0.1 mg/l) | Max, 1.0 |
| 12. | Ammonia (as total ammonia-N) | APHA 4500 NH ₃ F, 24 th edition | mg/l | BQL (LOQ = 0.1 mg/l) | Max, 0.5 |

BQL= Below Quantification Limit; LOQ = Limit of Quantification

Note:

1. The test report relates to the tested parameters and to the tested item (as received) only
2. The report shall not be reproduced except in full without approval of the Laboratory.
3. In Test report the decision rule of the laboratory is applied as and when required.
4. The complete report includes both A and B reports


Thara J
Authorized Signatory



-End of the Report-



GOVERNMENT OF KERALA

REGIONAL ANALYTICAL LABORATORY
KAKKANAD, ERNAKULAM. Pin 682030
E-mail: regionalanalyticalabernakulam@gmail.com

TEST REPORT

Issue Date. 29.05.2024

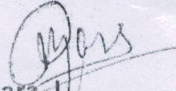
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MICROBIOLOGICAL TESTING

| SL No. | Parameters | Unit | Test Method | Result | Acceptable Limit as per IS 10500 : 2012 (With Amendment No. 1, 2, 3 & 4) |
|--------|------------|------------|----------------------|---------------|--|
| 1 | Coliforms | MPN/100 ml | IS 1622 1981 RA 2019 | 13 | Less than 2 |
| 2 | E.Coli | -- | IS 1622 1981 RA 2019 | Absent/100 ml | Shall be absent |

Opinion:- Bacteriological Quality is not Satisfactory


Thara J

Authorized Signatory

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