



**KERALA WATER AUTHORITY
QUALITY CONTROL DISTRICT LAB, THANA, KANNUR
WATER ANALYSIS REPORT**



TC-12273

ULR- TC-1127324000003844F

Tele phone No : 0497 2704380

email : kwaqclabkannur@gmail.com

| | | |
|--|--------------------------|------------------------|
| Report No - KWA/QA/R/07/3844/J/29/8659 | | Date : 11/07/2024 |
| Customer Name and Address | 1. Date of receipt | : 10/07/2024 |
| SUM College of Teacher Education Mamba - 670611 (NON-DOMESTIC PURPOSE) | 2. Sampling Provided by | : Customer(QUA_150590) |
| | 3. Sample Code | : 2667 |
| | 4.. Sample | : Drinking Water |
| | 5. Source of Sample | : Bore Well |
| | 6. Sample quantity | : 2 litre |
| | 7. Test performing dates | |
| | | From : 10/07/2024 |

| SI NO | Characteristic | Test Method | Requirement as per IS 10500-2012 | | Result |
|-------|---|--|----------------------------------|--|--------|
| | | | Acceptable Limit | Permissible Limit in the absence of alternate source | |
| 1 | Taste | IS 3025 (Part 8)-2023 Second Revision | Agreeable | Agreeable | - |
| 2 | Colour ,HAZEN Units, Max | IS 3025 (part 04) -2021 | 5 | 15 | - |
| 3 | Odour | IS 3025 (part 5) -2018 | Agreeable | Agreeable | - |
| 4 | Turbidity ,NTU, Max | IS 3025(part 10)-2023 | 1 | 5 | 1.41 |
| 5 | pH | IS 3025 (part 11) - 2022 | 6.5 to 8.5 | No relaxation | 5.95 |
| 6 | Total Alkalinity (as CaCO ₃), mg/l, Max | IS 3025 (part 23) -2023 | 200 | 600 | - |
| 7 | Total Dissolved Solids (TDS), mg/l, Max | IS 3025 (part 16) -2023 Second Revision | 500 | 2000 | - |
| 8 | Total Hardness (as CaCO ₃),mg/l, Max | IS 3025 (part 21) -2009 Second Revision | 200 | 600 | 23.20 |
| 9 | Calcium (as Ca) ,mg/l, Max | IS 3025 (part 40) -1991 (Reaffirmed 2019)Amendment No 1 2004 | 75 | 200 | - |
| 10 | Magnesium (as Mg) , mg/l, Max | IS 3025 (part 46) -2023 | 30 | 100 | - |
| 11 | Chloride(as Cl), mg/l, Max | IS3025(part 32)-1988 (Reaffirmed 2019) | 250 | 1000 | 5.90 |
| 12 | Electrical Conductivity at 25°C, micro mhos/cm | IS 3025 (part 14) -2013 (Reaffirmed 2019) | | | 92.56 |
| 13 | Residual Free Chlorine , mg/l, Min | IS 3025 (part 26) -2021 | 0.2 | 1 | - |
| 14 | Sulphate (asSO ₄), mg/l, Max | IS 3025 (part 24/sec 1) :2022 | 200 | 400 | - |

Remarks:

The results stated above related only to the sample(s) submitted for testing. This test certificate shall not be reproduced except in full without the written approval of the laboratory

Authorised By

Rekha V K
Rekha V K

Quality Manager

* End Of Report*

KWA/QC/KNR/R/17

Issue No: 03

Issue Date : 29.07.2023

SR. SANITARY CHEMIST
QUALITY CONTROL DISTRICT LAB
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Rev No: 002 Rev Date: 29.07.2023
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|--|--------------------------|-----------------------------------|
| Report No - KWA/QA/R/07/3844/1/29/8659 | | Date : 11/07/2024 |
| Customer Name and Address SUM College of Teacher Education Mamba - 670611 (NON-DOMESTIC PURPOSE) | 1. Date of receipt | : 10/07/2024 |
| | 2. Sampling Provided by | : Customer(QUA_150590) |
| | 3. Sample Code | : 2667 |
| | 4. Sample | : Drinking Water |
| | 5. Source of Sample | : Bore Well |
| | 6. Sample quantity | : 2 litre |
| | 7. Test performing dates | From : 10/07/2024 To : 11/07/2024 |

| Sl. No | Characteristic | Test Method | Requirement as per IS 10500-2012 | | Result |
|--------|--|---|----------------------------------|--|--------|
| | | | Acceptable Limit | Permissible Limit in the absence of alternate source | |
| 15 | Fluoride (as F), mg/l, Max | APHA24th Edition 4500-F-D. SPADNS Method | 1 | 1.5 | - |
| 16 | Iron (as Fe), mg/l, Max | IS 3025 (part 53) -2024 Second Edition | 1 | No relaxation | 0.18 |
| 17 | Nitrate (as NO ₃), mg/l, Max | APHA24th Edition 4500 NO ₃ -B(UV Screening Method) | 45 | No relaxation | 0.54 |
| 18 | Ammonia (as NH ₃ - N), mg/l, Max | IS 3025 (Part 34)-1988 (Reaffirmed 2019) | 0.5 | No relaxation | - |

| Sl. No | Characteristic | Test Method | Result |
|--------|----------------------------------|---|--------|
| 1 | Phosphorous (as P) , mg/l] | IS 3025 (part 31/sec 1): 2022 | - |
| 2 | Dissolved Oxygen , mg/l | IS 3025(Part 38)-1989(Reaffirmed 2019) | - |
| 3 | Total Suspended Solids ,mg/l | IS 3025(Part17)-Second revision 2022 | - |
| 4 | Oil and Greese, mg/l | IS 3025 (Part 39)- 2021 | - |
| 5 | Bio chemical Oxygen Demand, mg/l | IS 3025(Part 44)-2023 | - |
| 6 | Chemical Oxygen Demand , mg/l | IS 3025 (Part 58)-2022 | - |
| 7 | Acidity, mg/l | IS 3025 (part 22) -1986 (Reaffirmed 2019) | - |

Remarks:
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Authorised By

Rekha V K
Rekha V K

Quality Manager

KWA/QC/KNR/R/17

Issue No: 03

Issue Date : 29.07.2023

RSN No: 007 Rev Date: 29.07.2023
WATER SANITARY CHEMIST
 QUALITY CONTROL DISTRICT LAB
 KERALA WATER AUTHORITY
 KANNUR-1



KERALA WATER AUTHORITY
QUALITY CONTROL DISTRICT LAB, THANA, KANNUR
WATER ANALYSIS REPORT

Tele phone No : 0497 2704380
email : kwaqclabkannur@gmail.com

| Report No - KWA/QA/R/07/3844/J/52/131 | | Date : 11/07/2024 | | | | | |
|--|-----------------|--------------------------|-----------------------------------|------------------------|-------------|--|--------|
| Customer Name and Address | | 1. Date of receipt | | : 10/07/2024 | | | |
| SUM College of Teacher Education Mamba - 670611 (NON-DOMESTIC PURPOSE) | | 2. Sampling Provided by | | : Customer(QUA_150590) | | | |
| | | 3. Sample Code | | : 2667 | | | |
| | | 4. Sample | | : Drinking Water | | | |
| | | 5. Source of Sample | | : Bore Well | | | |
| | | 6. Sample quantity | | : 100 ml | | | |
| | | 7. Test performing dates | | From: 10/07/2024 | | To :11/07/2024 | |
| | | SI No | Characteristics | Unit | Test Method | Acceptable limits as per IS 10500-2012 | Result |
| 1 | Total Coliforms | CFU /100 ml | IS 15185:2016; ISO 9308 - 1: 2014 | Nil | 145 | | |
| 2 | E.Coli | CFU /100 ml | IS 15185:2016; ISO 9308 - 1: 2014 | Nil | Nil | | |

Remarks:

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Authorised By

Bacteriologist

* End Of Report*

KWA/QC/KNR/R/17

Issue No: 02

Issue Date: 01.06.2021

BACTERIOLOGIST
QUALITY CONTROL DISTRICT LAB KANNUR
KERALA WATER AUTHORITY
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