

PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No. H1-697240/24

Dated: 19-03-24

It is certified that an inspection team headed by M.R. SANU, CLEAN CITY MANAGER(Name of Officers with designation) from MUNICIPAL OFFICE, KOOHATTUKULAM(Name of Department/ Office) inspected the MARYGIRI PUBLIC SCHOOL, KOOHATTUKULAM(Name & Address of the school) on 19-03-24 (date of inspection) and found that theMARYGIRI PUBLIC SCHOOL (Name of school) has safe drinking water facilities for the students and members of staff of the institution and is maintaining the hygienic sanitation condition in the school building & the campus as per norms prescribed by the Central/ State/ U.T. Govt.The above is valid for a period of ONE YEARSignature with Seal: [Signature] 19/03/24Name: M.R. SANUDesignation: CLEAN CITY MANAGER
KOOHATTUKULAM MUNICIPALITY

Name & Address of the Office / Department:

To

MANAGERMARYGIRI PUBLIC SCHOOL, KOOHATTUKULAM.

(Name & Address of the Institution)

* The filled up certificate should be either in Hindi or English. If it is issued in vernacular language, translated notarized version in English be uploaded along with the original vernacular certificate as a single pdf.

[Signature]
PRINCIPAL
MARYGIRI PUBLIC SCHOOL
KOOHATTUKULAM
ERNAKULAM(DIST), KERALA-686662



[Signature]
MANAGER
MARYGIRI PUBLIC SCHOOL
KOOHATTUKULAM
ERNAKULAM(DIST), KERALA-686662



QUALITY CONTROL SUB DISTRICT LABORATORY

KERALA WATER AUTHORITY,
PALA, KOTTAYAM

Telephone No. 04822 200675, Email: qcsdlpala@gmail.com

TEST REPORT

| | |
|-------------------------------|------------------|
| Report No: PL289/PALA/03/2024 | Date: 08.03.2024 |
|-------------------------------|------------------|

| | | |
|--|---|-------------------------|
| MANAGER MARYGIRI PUBLIC SCHOOL KOOTHATTUKULAM ERNAKULAM (DIST) 686662 | 1.Date of Receipt | 05.03.2024 |
| | 2.Sampling done by | CUSTOMER |
| | 3.Sample Code | 2024/QCSDL/PALA/PL 1165 |
| | 4.Source of Sample | BORE WELL |
| | 5.Sample Quantity | 2 LITRES |
| | 6.Sample conditions | ACCEPTABLE |
| | 7.Test performing dates: 06.03.2024 TO 07.03.2024 | |

| Sl. No | Characteristics | Unit | Test Method | Desirable limits As per IS 10500:2012 | Limit of detection | Result |
|--------|--|------------|--|---------------------------------------|----------------------------------|-------------------|
| 1 | Colour | Pt-Co Unit | APHA 24 th Edition 2120 -Colour method 2023 | 5 | 1 to 100 | 1 |
| 2 | Odour | | IS 3025 (part 5) – 2018 (Reaffirmed 2022) | | Agreeable/ Disagreeable | Agreeable |
| 3 | Taste | | IS 3025(part8)-1984(Reaffirmed 2023) | | Objectionable/ Not Objectionable | Not Objectionable |
| 4 | Turbidity | (NTU) | IS 3025(part10)-1984 (Reaffirmed 2023) | 1 | 0.5 to 100 | BDL |
| 5 | pH at 25 °C | | IS 3025(part 11)-1983 (Reaffirmed 2022) | 6.5 - 8.5 | 2 to 12 | 7.4 |
| 6 | Alkalinity | (mg/litre) | IS 3025(part 23)-1986 (Reaffirmed 2023) | 200 | 5 to 2000 | 40 |
| 7 | Total dissolved solids (TDS) | (mg/litre) | IS 3025(part16)-1984 (Reaffirmed 2023) | 500 | 5 to 10000 | 66 |
| 8 | Total hardness (as CaCO ₃) | (mg/litre) | IS 3025(part21)-2009 (Reaffirmed 2019) | 200 | 5 to 5000 | 36 |
| 9 | Calcium (as Ca) | (mg/litre) | IS 3025(part40)-1991 (Reaffirmed 2023) | 75 | 5 to 2000 | 6.4 |
| 10 | Magnesium (as Mg) | (mg/litre) | APHA 24 th Edition 3500 Mg Method B 2023 | 30 | 5to 1000 | BDL |
| 11 | Chloride (as Cl) | (mg/litre) | IS 3025(part32)-1988 (Reaffirmed 2019) | 250 | 5 to 5000 | 11.9 |

Remarks:-

NB:- The result 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

*Samples will be retained only for 7 days after completion of analysis

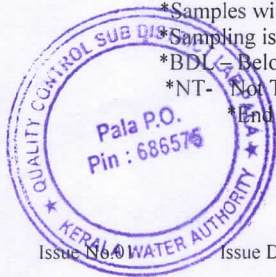
*Sampling is not done by the Lab

*BDL - Below Detection Limit

*NT- Not Tested

End of the Report

Verified by **RANJU A/K**



Sanalhye (Ex-Off)
SANALHYE

Authorized Signatory
(Signature with Name)



QUALITY CONTROL SUB DISTRICT LABORATORY

KERALA WATER AUTHORITY,

PALA, KOTTAYAM

Telephone No. 04822 200675, Email- qcsdlpala@gmail.com

TEST REPORT

| | | |
|--|--------------------------|--------------------------|
| Report No: PL289/PALA/03/2024 | | Date: 08.03.2024 |
| CUSTOMER NAME & ADDRESS MANAGER MARYGIRI PUBLIC SCHOOL KOOTHATTUKULAM ERNAKULAM (DIST) 686662 | 1.Date of Receipt | 04.03.2024 |
| | 2.Sampling done by | CUSTOMER |
| | 3.Sample Code | 2024/QCSDL/PALA/PL 1165 |
| | 4.Source of Sample | BORE WELL |
| | 5.Sample Quantity | 2 LITRES |
| | 6.Sample condition | ACCEPTABLE |
| | 7.Test performing dates: | 06.03.2024 TO 07.03.2024 |

| Sl. No | Characteristics | Unit | Test Method | Desirable limits as per IS 10500:2012 | Result |
|--------|----------------------------------|----------------|--|---------------------------------------|--------|
| 1 | Electrical conductivity at 25 °C | (Micromhos/cm) | IS 3025(part14)-2013 (Reaffirmed 2019) | | 102.6 |
| 2 | Acidity | (mg/litre) | IS 3025(part22)-1986 (Reaffirmed 2019) | | BDL |
| 3 | Sulphate (as SO ₄) | (mg/litre) | IS 3025(part24)-1986 (Reaffirmed 2022) | 200 | BDL |
| 4 | Fluoride (as F) | (mg/litre) | Kit Method | 1 | BDL |
| 5 | Iron (as Fe) | (mg/litre) | IS 3025(part53)-2003(Reaffirmed 2014) | 1 | BDL |
| 6 | Nitrate(as NO ₃) | (mg/litre) | Kit Method | 45 | BDL |
| 7 | Residual Chlorine | (mg/litre) | Kit Method | 0.2 | NIL |

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*Sampling is not done by the Lab

*BDL – Below Detection Limit

*NT-- Not Tested

End of the Report

Danpin
Verified by

Danpin

Authorized Signatory



KWA/QC/PALA/AR/F3

Issue No.01

Rev. 03

Rev. Date :24.02.2024



QUALITY CONTROL SUB DISTRICT LABORATORY

KERALA WATER AUTHORITY,

PALA, KOTTAYAM

Telephone No. 04822 200675, Email: qcsdlpala@gmail.com

TEST REPORT

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|--------------------------------|------------------|
| Report No: PL 308/PALA/02/2024 | Date: 14.02.2024 |
|--------------------------------|------------------|

| | | |
|---|--------------------------|--------------------------|
| MANAGER MARY GIRI PUBLIC SCHOOL KOOHATTUKULAM 686662 | 1.Date of Receipt | 12.03.2024 |
| | 2.Sampling done by | CUSTOMER |
| | 3.Sample Code | 2023/QCSDL/PALA/PL 1238 |
| | 4.Source of Sample | DRINKING WATER |
| | 5.Sample Quantity | 100 ML |
| | 6.Sample conditions | ACCEPTABLE |
| | 7.Test performing dates: | 12.03.2024 TO 14.03.2024 |

BACTERIOLOGICAL ANALYSIS

| Sl No. | Parameters | Acceptable limits as per -IS 10500-2012 | Test Method | Result |
|--------|------------------|---|---------------|--------|
| 1 | <i>Coliforms</i> | Shall not be detected/100ml | IS 15185:2016 | ABSENT |
| 2 | <i>E.coli</i> | Shall not be detected/100ml | IS 15185:2016 | ABSENT |

Test method

Coliforms: Membrane Filtration Method

E. coli: Membrane Filtration Method

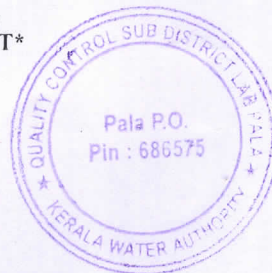
Remarks:-

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*Sampling is not done by the Lab

END OF REPORT



Authorized By

Shahana Sherief

Shahana

(Bacteriologist)