



KERALA WATER AUTHORITY
QUALITY CONTROL DISTRICT LABORATORY
 PH SUB DN. COMPOUND THURAKKAL, MANJERI, MALAPPURAM DT.
 Phone:0483-2940072 , email: qcldmpm@gmail.com



TC-10706

TEST REPORT

ULR NO-TC 107062400003298F

Report No-KWA/QCDL/MPM/R/17/24/3298	Date:	17.05.2024
Customer Name & Address	1. Sample Code	2024/3298
THUSHARA R PRINCIPAL ACE PUBLIC SCHOOL MANJERI-3 CHERANI-676123	2. Date of Receipt	15.05.2024
	3. Sampling Done by	PARTY
	4. Sample	DRINKING WATER
	5. Source of Sample	POND
	6. Sample Quantity	2L
	7. Sample Performance from: 15.05.2024 to 17.05.2024	

Sl. No	Characteristics	Unit	Test Method	Acceptable Limit as per IS 10500:2012	Permissible Limit as per IS 10500:2012	Results
1	Colour	CU	Visual comparison method IS 3025(part 4)-1983	5	15	<1
2	Odour		IS 3025(part 5)-2018	Agreeable	Agreeable	Agreeable
3	Turbidity	NTU	Nephelometric method IS 3025(part 10)-1984	1	5	1.32
4	pH at 25°C		Electrometric method IS 3025(part 11)-2022	6.5 - 8.5	No relaxation	5.72
5	Alkalinity	mg/litre	Titrimetric method IS 3025(part 23)-1986	200	600	18
6	Total Dissolved Solids (TDS)@180°C	mg/litre	Gravimetric Method IS 3025(part 16)-1984	500	2000	39
7	Total Hardness (as CaCO ₃)	mg/litre	EDTA titrimetric method IS 3025(part 21)-2009	200	600	20.1
8	Calcium (as Ca ²⁺)	mg/litre	EDTA titrimetric method IS 3025(part 40)-1991	75	200	6.46
9	Magnesium (as Mg ²⁺)	mg/litre	Volumetric method using EDTA IS 3025(part 46)-1994	30	100	<5
10	Chloride (as Cl ⁻)	mg/litre	Argentometric Titration method IS 3025(part 32)-1988	250	1000	13.98

NB:- 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.

We are retaining sample for 5 days after the release of test report.

BDL- Below Detectable Limit

Reviewed by *Foads*

Principal

PRINCIPAL ACE PUBLIC SCHOOL
 MANJERI - 676123



Authorized by:

SAJESH AK

Sajesh AK

QUALITY CONTROL DISTRICT LABORATORY
 KERALA WATER AUTHORITY
 MANJERI, MALAPPURAM DT.

manager



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		3. Sampling Done by	PARTY			
		4. Sample	DRINKING WATER			
		5. Source of Sample	POND			
		6. Sample Quantity	2L			
		7. Sample Performance from: 15.05.2024 to 17.05.2024				
		Sl. No	Characteristics	Unit	Test Method	Acceptable Limit as per IS 10500:2012
1	Taste		IS 3025 (part 8)-1984	Agreeable	Agreeable	NOT DONE
2	Electrical Conductivity at 25°C	micro mhos/cm	IS 3025(part 14)-2013			59.86
3	Acidity	mg/litre	IS 3025(part 22)-1986 (Titrimetric Method)			32
4	Sulphate	mg/litre	IS 3025(part 24)-1984 (APHA23rd Turbidimetric method)	200	400	NOT DETECTED
5	Flouride (as F-)	mg/litre	IS 3025(part 60)-2008	1	1.5	NOT DETECTED
6	Iron (as Fe ²⁺)	mg/litre	IS 3025(part 53)-2003	1	No relaxation	0.08
7	Nitrate (as NO ₃ -)	mg/litre	APHA23rd Edition (UV Screening method)	45	No relaxation	0.31
8	Residual Chlorine	mg/litre	IS 3025(part 26)-1986	0.2	0.5	NOT DETECTED
9	Ammonia	mg/litre	IS 3025(part 34)-1988	0.5	No relaxation	NOT DETECTED

NB:- 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.

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BDL-Below Detectable Limit

Reviewed by: *[Signature]*
Principal
[Signature]



Authorized by: *[Signature]*
SAJEESH AK
 QUALITY MANAGER
 QUALITY CONTROL DISTRICT LABORATORY
 KERALA WATER AUTHORITY
 MANJERI, MALAPPURAM DT.
manager
[Signature]

Telephone No: 0483-2940072

email: qcdImpm@gmail.com



QUALITY CONTROL DISTRICT LABORATORY MALAPPURAM

Kerala Water Authority

PH Sub Division Compound, Thurakkal, Manjeri, 676121

Water Analysis Report

Report No-KWA/QCDL/MPM/R/17/24/3298	Date:	17.05.2024
Customer Name & Address	1. Sample Code	2024/3298
THUSHARA R PRINCIPAL ACE PUBLIC SCHOOL MANJERI-3 CHERANI-676123	2. Date of Receipt	15.05.2024
	3. Sampling Done by	PARTY
	4. Sample	DRINKING WATER
	5. Source of Sample	POND
	6. Sample Quantity	100ML
	7. Sample Performance from: 15.05.2024 to 17.05.2024	

Sl. No	Characteristics	Unit	Test Method	Acceptable Limit as per IS 10500:2012	Permissible Limit as per IS 10500:2012	Results
1	Total Coliforms	CFU/100ml	IS 15185 : 2016 ISO 9308-1:2014	Shall not be detected/100ml	No relaxation	TNTC
2	E-Coli	CFU/100ml	IS 15185 : 2016 ISO 9308-1:2014	Shall not be detected/100ml	No relaxation	TNTC

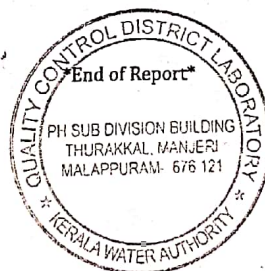
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TNTC- Too Numerous To Count

Tested By

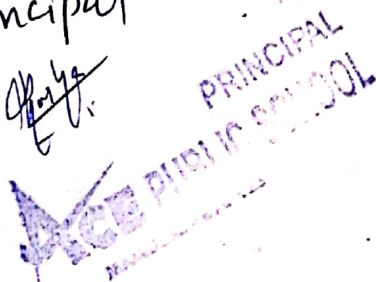
Authorized by:

SAJEESH A K



QUALITY MANAGER
QUALITY CONTROL DISTRICT LABORATORY
KERALA WATER AUTHORITY
MANJERI, MALAPPURAM DT

Principal



manager



KERALA WATER AUTHORITY
QUALITY CONTROL DISTRICT LABORATORY
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TC-10706

TEST REPORT

ULR NO-TC 107062400003297F

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	3. Sampling Done by	PARTY
	4. Sample	DRINKING WATER
	5. Source of Sample	OPEN WELL
	6. Sample Quantity	2L
	7. Sample Performance from:	15.05.2024 to 17.05.2024

Sl. No	Characteristics	Unit	Test Method	Acceptable Limit as per IS 10500:2012	Permissible Limit as per IS 10500:2012	Results
1	Colour	CU	Visual comparison method IS 3025(part 4)-1983	5	15	<1
2	Odour		IS 3025(part 5)-2018	Agreeable	Agreeable	Agreeable
3	Turbidity	NTU	Nephelometric method IS 3025(part 10)-1984	1	5	5.18
4	pH at 25°C		Electrometric method IS 3025(part 11)-2022	6.5 - 8.5	No relaxation	5.83
5	Alkalinity	mg/litre	Titrimetric method IS 3025(part 23)-1986	200	600	20
6	Total Dissolved Solids (TDS)@180°C	mg/litre	Gravimetric Method IS 3025(part 16)-1984	500	2000	58
7	Total Hardness (as CaCO ₃)	mg/litre	EDTA titrimetric method IS 3025(part 21)-2009	200	600	22.11
8	Calcium (as Ca ²⁺)	mg/litre	EDTA titrimetric method IS 3025(part 40)-1991	75	200	5.65
9	Magnesium (as Mg ²⁺)	mg/litre	Volumetric method using EDTA IS 3025(part 46)-1994	30	100	<5
10	Chloride (as Cl ⁻)	mg/litre	Argentometric Titration method IS 3025(part 32)-1988	250	1000	14.98

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BDL- Below Detectable Limit



Reviewed by:

[Signature]
PRINCIPAL
ACE PUBLIC SCHOOL
 MANJERI - 676 123



PRINCIPAL
 THURAKKAL, MANJERI
 MALAPPURAM DT. 676 123
 End of Report
 KERALA WATER AUTHORITY

Authorized by:

SAJEESH AK

[Signature]
QUALITY MANAGER
 QUALITY CONTROL DISTRICT LABORATORY
 KERALA WATER AUTHORITY
 MANJERI, MALAPPURAM DT.

KWA/QCDL/MPM/F/04

ISSUE No. 01

Issue Date: 01.09.2021

Rev.No.02

Rev.Date: 23/09/2023



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		6. Sample Quantity	2L			
		7. Sample Performance from: 15.05.2024 to 17.05.2024				
		Sl. No	Characteristics	Unit	Test Method	Acceptable Limit as per IS 10500:2012
1	Taste		IS 3025 (part 8)-1984	Agreeable	Agreeable	NOT DONE
2	Electrical Conductivity at 25°C	micro mhos/cm	IS 3025(part 14)-2013			87.96
3	Acidity	mg/litre	IS 3025(part 22)-1986 (Titrimetric Method)			86
4	Sulphate	mg/litre	IS 3025(part 24)-1984 (APHA23rd Turbidimetric method)	200	400	NOT DETECTED
5	Flouride (as F-)	mg/litre	IS 3025(part 60)-2008	1	1.5	NOT DETECTED
6	Iron (as Fe2+)	mg/litre	IS 3025(part 53)-2003	1	No relaxation	0.31
7	Nitrate (as NO3-)	mg/litre	APHA23rd Edition (UV Screening method)	45	No relaxation	3.21
8	Residual Chlorine	mg/litre	IS 3025(part 26)-1986	0.2	0.5	NOT DETECTED
9	Ammonia	mg/litre	IS 3025(part 34)-1988	0.5	No relaxation	NOT DETECTED

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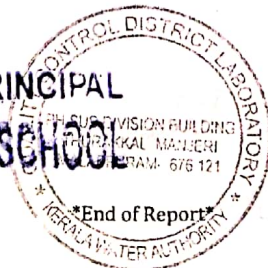
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BDL-Below Detectable Limit

Reviewed by:

[Signature]
PRINCIPAL
ACE PUBLIC SCHOOL
 MANJERI - 676 123

PRINCIPAL



Authorized by:

[Signature]
SAJEESH AK
QUALITY MANAGER
 QUALITY CONTROL DISTRICT LABORATORY
 KERALA WATER AUTHORITY
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QUALITY CONTROL DISTRICT LABORATORY MALAPPURAM

Kerala Water Authority

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Water Analysis Report

Report No-KWA/QCDL/MPM/R/17/24/3297	Date:	17.05.2024
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2	E-Coli	CFU/100ml	IS 15185 : 2016 ISO 9308-1:2014	Shall not be detected/100ml	No relaxation	ABSENT

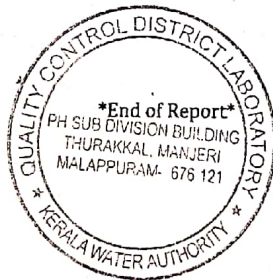
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Tested By

Principal

PRINCIPAL
ACE PUBLIC SCHOOL
MANJERI - 676 123



Authorized by:

SAJEESH A K

QUALITY MANAGER
QUALITY CONTROL DISTRICT LABORATORY
KERALA WATER AUTHORITY
MANJERI, MALAPPURAM DT.

(manager)