



QUALITY CONTROL SUB DISTRICT LABORATORY,
KERALA WATER AUTHORITY,
JICA WTP MEENAD, THOLICODE. P.O, PUNAIUR, KOLLAM - 691333.

TC-10536

ULR - TC105362300002367F

Test Report					
Report No - 2023/QCSDL/JICA/2473			Issue Date : 15.09.2023		
Customer Name & Address			1. Date of Receipt : 12.09.2023		
PUSHPAGIRIYILCENTRAL SCHOOL EDAMON -34 EDAMON 691307 PH 9645764101			2. Sampling done by -CUSTOMER		
			3. Sample Code : 2023/QCSDL/JICA/2473		
			4. Source of Sample : WELL WATER		
			5. Sample Quantity : 2 Litres		
			6. Test Performing Dates		
			From : 13.09.2023		
	Characteristics	Unit as per IS 10500	Test Method	Maximum Acceptable limits as per IS 10500 - 2012	Result
1	Colour	(Hazen)	APHA 23rd Edition -2120 Colour Method B	5	5
2	Odour		IS 3025 (Part 5): 2018	Agreeable	Agreeable
3	Turbidity	(NTU)	IS 3025 (Part 10) : 1984 (Nephelometric Method)	1	BQL
4	pH at 25 °C		IS 3025 (Part 11) : 2022 Electrometric Method	6.5 to 8.5	6.204
5	Total Alkalinity (as Ca CO ₃)	(mg/L)	IS 3025 (Part 23) : 1986 (Indicator Method)	200	10.42
6	Total Dissolved Solids (TDS) at 180°C	(mg/L)	IS 3025 (Part 16) : 2023 (Gravimetric Method)	500	18
7	Total Hardness (as Ca CO ₃)	(mg/L)	IS 3025 (Part 21) : 2009 EDTA Method	200	16.16
8	Calcium (as Ca)	(mg/L)	IS 3025 (Part 40) : 1991 EDTA Method	75	BQL
9	Magnesium (as Mg)	(mg/L)	APHA 23rd Edition-3500 Method B	30	BQL
10	Chloride (as Cl)	(mg/L)	IS 3025 (Part 32) : 1988 Argentometric Method	250	10

NB:- 1. The results stated above related only to the sample(s) submitted for testing. 2. This test certificate shall not be reproduced except in full without the written approval of the Laboratory. 3. The results apply to the sample as received. 4. Samples will be retained only for 7 days after reporting the test results to the customer

Verified By
Name : Aswathy K Raj *Aswathy*
Sanitary Chemist

Jinu George
Authorized By
Name: Jinu George
Sanitary Chemist

KWA/QCSDL/JICA/19

Issue No. 01

* End of Report *
Issue Date : 06.12.2021

Rev. No. 02

Rev. Date : 17.05.2023



QUALITY CONTROL SUB DISTRICT LABORATORY,
KERALA WATER AUTHORITY,
JICA WTP MEENAD, THOLICODE. P.O, PUNALUR, KOLLAM - 691333.

Test Report					
Report No - 2023/QCSDL/JICA/2473			Issue Date : 15.09.2023		
Customer Name & Address			1. Date of Receipt : 12.09.2023		
PUSHPAGIRIYIL CENTRAL SCHOOL EDAMON -34 EDAMON 691307 PH 9645764101			2. Sampling done by - CUSTOMER		
			3. Sample Code : 2023/QCSDL/JICA/2473		
			4. Source of Sample : WELL WATER		
			5. Sample Quantity : 2 Litres		
			6. Test Performing Dates		
			From : 13.09.2023		
	Characteristics	Unit as per IS 10500	Test Method	Maximum Acceptable limits as per IS 10500 - 2012	Result
1	Electrical Conductivity (at 25° C)	micro mhos/cm	IS 3025 (part 14) - 1984		31.05
2	Acidity	(mg/L)	IS 3025 (part 22) - 1986 Indicator Method		12.62
3	Sulphate (as SO ₄)	(mg/L)	IS 3025 (Part 24) - 1986 Turbidity Method	200	4.13
4	Fluoride (as F)	(mg/L)	APHA 23rd Edition 4500 - F D: 2017 SPADNS Method	1	0.00
5	Iron (as Fe)	(mg/L)	IS 3025 (Part 53) - 2003 1,10 Phenanthroline Method	1	0.00
6	Nitrate (as NO ₃)	(mg/L)	APHA 23rd Edition 4500 -NO ₃ B: 2017 UV Spectrophotometric Screening Method.	45	5.44

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Verified By

Name : Aswathy K Raj
Sanitary Chemist

Aswathy

Authorized By

Name: Jinu George
Sanitary Chemist

Jinu George
16.9.23

* End of Report *

KWA/QCSDL/JICA/19

Issue No. 01

Issue Date : 06.12.2021

Rev. No. 01

Rev. Date : 06.05.2022

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QUALITY CONTROL SUB DISTRICT LABORATORY,
KERALA WATER AUTHORITY,
JICA WTP MEENAD, THOLICODE, PUNALUR, KOLLAM - 691333.

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**QUALITY CONTROL DISTRICT LABORATORY
 KERALA WATER AUTHORITY
 CANTONMENT P O, KOLLAM - 691 001
 REPORT ON ANALYSIS OF WATER**

Report No - 2023 QCSDF JICA 2473		Date : 15/09/2023		
Customer Name & Address		1. Date of Sample received : 12/09/2023		
PUSHPAGIRIYIL CENTRAL SCHOOL EDAMON - 34 EDAMON - 691307 9645764101		2. Sampling done by : CUSTOMER		
		3. Sample Quantity : 250 ml		
		4. Source of Sample : OPEN WELL WATER		
		5. Sample Code : 2023 QCSDF JICA 2473		
		6. Test Performing Dates		
		From : 12/09/2023 To 15/09/2023		
Sl. No	Parameters	Acceptable limits as per IS 10500 - 2012	Test Method	Result
1	Total Coliforms 100 ml	Shall not be detected 100 ml	IS 15185 : 2016 ISO 9308 - 1 : 2014	ABSENT
2	F. coli 100 ml	Shall not be detected 100 ml	IS 15185 : 2016 ISO 9308 - 1 : 2014	ABSENT

NOTE - The results stated above related only to the samples given for their respective testing. This test certificate shall not be reproduced except in full without the written approval of the Laboratory.

Authorized By

* End of Report *

K. J. K. K. K.
 Quality Control District Laboratory
 Cantonment P O, Kollam - 691 001
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