



# KERALA WATER AUTHORITY

04/2



TC 10483

## WATER TEST REPORT

ULR No: TC1048323000034822F		Report Issue Date : 22-02-2024
Customer Name & Address		Date of Receipt 16-02-2024
Principal Palghat Lions School Koppam Palakkad 678001	Sample Received From	Customer
	Sample Name	Drinking Water
	Sample Condition	Good
	Sample Code	PKD/2622
	Source of Sample	Bore Well
	Sample Quantity	2 Litre
	Test performing date	From 17-02-2024 to 22-02-2024

Sl. No.	Characteristics	Unit	Test Method	Acceptable Limit as per IS 10500-2012	Result
1	Colour	Hazen	IS 3025 (Part 4)-2021 Platinum Cobalt Visual Comparison Method	5.0000	5
2	Odour		IS 3025 (Part 5)- 2018	Agreeable	Agreeable
3	Turbidity	(NTU)	IS 3025 (Part 10)-2023 Nephelometric Method	1.00	3.91
4	pH at 25° C	-	IS 3025 (Part 16)-2022 Electrometric Method	6.5 to 8.5	7.80
5	Alkalinity	(mg/litre)	IS 3025 (Part 21) 2019 Indicator Method	200.00	183.60
6	Total Dissolved Solids (TDS) at 180° C ± 2° C	(mg/litre)	IS 3025 (Part 21)-2023 Gravimetric Method	500.00	460.20
7	Total Hardness (as CaCO <sub>3</sub> )	(mg/litre)	IS 3025 (Part 21) 2019 EDTA Method	200.00	279.39
8	Calcium (as Ca)	(mg/litre)	IS 3025 (Part 40) 2019 EDTA Method	75.00	58.76
9	Magnesium (as Mg)	(mg/litre)	IS 3025 (Part 46) 2019 Calculation Method	30.00	32.20
10	Chloride (as Cl)	(mg/litre)	IS 3025 (Part 32) 2019 Argentometric Method	250.00	69.93

Remarks :-

- NB:- 1.The result stated above related only to the sample(s) submitted for testing .  
2.The samples retain for 7 days from the date of issue.  
3. The test certificate shall not be reproduced except in full without the written approval of the Laboratory.

Analysed by *Paji.P*

Reviewed & Authorized by *SP*

KWA/QCSDL/PKD/01	Issue : 1	Issue Date :	25/07/2021
Ref No:00	Rev,Date :00	Page 1 of 1	

End of Report

TECHNICAL MANAGER  
QUALITY CONTROL SUB DISTRICT LAB  
KERALA WATER AUTHORITY

QUALITY MANAGER  
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## WATER TEST REPORT

Report No:04

Report Issue Date : 22-02-2024

Customer Name & Address	Date of Receipt	16-02-2024
Principal Palghat Lions School Koppam Palakkad 678001	Sampling Done by	Customer
	Sample Name	Drinking Water
	Sample Condition	Good
	Sample Code	PKD/2622
	Source of Sample	Bore Well
	Sample Quantity	2 Litre
	Test performing date	From 17-02-2024 to 22-02-2024

Sl. No.	Characteristics	Parameters	Test Method	Acceptable Limit as per-IS 10500-2012	Result
1	Coliform	Total Coliform in 100ml	IS 15185:2016 ISO 9308-1:2014 Membrane Filter Technique	Shall not be detected /100ml	Present
2	E-Coli	Total E-Coli in 100ml	IS 15185:2016 ISO 9308-1:2014 Membrane Filter Technique	Shall not be detected /100ml	Absent

Remarks :-

- NB:- 1.The result stated above related only to the sample(s) submitted for testing .  
 2.The samples retain for 15 days from the date of issue.  
 3. The test certificate shall not be reproduced except in full without the written approval of the Laboratory.

*Janifer Jimmy*  
 Analysed by *Janifer Jimmy*

*Janifer Jimmy*  
 Authorized by *Janifer Jimmy*

Issue : 1	Rev,Date :00	Page 3 of 3	Issue Date : 25-07-2021
Ref No:00			

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 QC DL PALAKKAD-678 001

End of Report

**BACTERIOLOGIST**  
 KERALA WATER AUTHORITY  
 QC DL PALAKKAD-678 001



Report No.04			Report Issue Date : 22-02-2024		
Customer Name & Address		Date of Receipt	16-02-2024		
Principal Palghat Lions School Koppam Palakkad 678001		Sampling Done by	Customer		
		Sample Name	Drinking Water		
		Sample Condition	Good		
		Sample Code	PKD/2622		
		Source of Sample	Bore Well		
		Sample Quantity	2 Litre		
		Test performing date	From 17-02-2024 to 22-02-2024		
Sl.No	Characteristics	Unit	Test Method	Acceptable Limit as per IS 10500- 2012	Result
11	Acidity	(mg/litre)	IS 3025(Part 22- 2019)	-	6.0
12	Electrical Conductivity at 25°C	(micromhos/cm)	IS 3025(Part 22- 2019)	-	759.00
13	Sulphate ( as SO4)	(mg/litre)	IS 3025(Part 24 / sec 1)2022	200.00	47.29
14	Fluoride (as F)	(mg/litre)	IS 3025(Part 60)-2008(Reaffirmed 2019)	1.00	0.91
15	Iron (as Fe)	(mg/litre)	IS 3025(Part 53- 2003)(Reaffirmed 2019)	1.00	0.43
16	Nitrate (as NO3)	(mg/litre)	APHA 4500-NO <sub>3</sub> B 2017	45.00	0.52
Remarks :- NB:- 1.The result stated above related only to the sample(s) submitted for testing . 2.The samples retain for 15 days from the date of issue. 3. The test certificate shall not be reproduced except in full without the written approval of the Laboratory.					

Analysed by

Authorized by

KWA/QCSDL/PKD/01	Issue : 1	Issue Date :	25-07-2021
Ref No:00	Rev,Date :00	Page 2 of 2	

End of Report

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