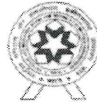




KERALA WATER AUTHORITY



TC 9688

TEST REPORT (PHYSICAL & CHEMICAL)

ULR No:TC968824000000710F		Date of Receipt		Report Issue Date : 08/10/2024	
Customer Name & Address		Sample Received From		Customer	
Elegant Public School		Sample Name		Water	
Market Road Palakkad- 678001		Sample Condition		Good	
		Sample Code		PKD/00710F	
		Source of Sample		Malampuzha Tap Water	
		Purpose of Test		Commercial	
		Sample Quantity		2 Litre	
		Test performing date		From: 04/10/2024 to 08/10/2024	
Sl.No	Characteristics	Unit	Test Method	Acceptable Limit as per IS 10500-2012	Result
1	Colour	HU	IS 3025 (Part 4) - 2021 Platinum Cobolt Visual Composition Method	5	-
2	Turbidity NTU	NTU	IS 3025 (Part 10) - 2023 Nephelometric Method	1.00	0.30
3	pH at 25 ± 2° C	-	IS 3025 (Part 11) - 2022 Electrometric Method	6.5 to 8.5	7.35
4	Electrical Conductivity	micro mhos/cm	IS 3025 (Part 14) - 2019	-	71.31
5	Total Alkalinity (as CaCO ₃)	mg/l	IS 3025 (Part 23) - 2019 Indicator Method	200.00	-
6	Sulphate (as SO ₄)	mg/l	IS 3025 (part 24) -2022 Turbidity Method	200.00	-
7	Total Dissolved Solids (TDS) at 180° C ± 2° C	mg/l	IS 3025 (Part 16) - 2023 Gravimetric Method	500.00	-
8	Total Hardness (as Ca CO ₃)	mg/l	IS 3025 (Part 16) - 2019 EDTA Method	200.00	23.76
9	Calcium (Ca)	mg/l	IS 3025 (Part 40) - 2019 EDTA Method	75.00	-
10	Magnesium (as Mg)	mg/l	IS 3025 (Part 46) - 2019 Calculation Method	30.00	-
11	Chloride (as Cl)	mg/l	IS 3025 (Part 32) - 2019 Argentometric Method	250.00	10.89
12	Fluoride (as F)	mg/l	APHA 23rd Edition 4500 - FD : 2017 SPANDS Method	1.00	-
13	Nitrate (as NO ₃)	mg/l	APHA 23rd Edition 4500 - NO ₃ B : 2017 U V Spectro Photometric Screening Method	45.00	1.12
14	Iron (as Fe)	mg/l	IS 3025 (Part 53) - 2019 1,10 Phenanthrolin Method	1.00	0.01

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.

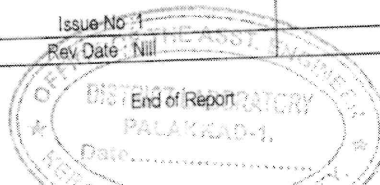
3. The test certificate shall not be reproduced except in full without the written approval of the Laboratory.

(Signature)
Analysed By

(Signature)
Authorised By

KWA/QCDL/PKD/10-2020	Issue No: 1	Issue Date : 13-10-2020
Rev No : Nil	Rev Date : Nil	Page 1 of 1

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KERALA WATER AUTHORITY

TEST REPORT (PHYSICAL & CHEMICAL)

7			Report Issue Date : 08/10/2024		
Customer Name & Address			Date of Receipt	03-10-2024	
Elegant Public School Market Road Palakkad- 678001			Sample Name	Water	
			Sample Condition	Good	
			Sample Code	PKD/00710F	
			Source of Sample	Malampuzha Tap Water	
			Sample Quantity	2.Litre	
			Purpose of Test	Commercial	
			Test performing date	From: 04/10/2024 to 08/10/2024	
1	Acidity	mg/l	IS 3025(Part 22)-1986(Reaffirmed 2019)	-	2.00
2	Total Suspended Solids (TSS)	mg/l	APHA 23rd Edition 2540 D Total Suspended Solids Dried at 103-105°C	30.00	2.00

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.
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Rev No:Nil	Rev,Date :Nil	Page 2 of 2	

TEST REPORT (BACTERIOLOGICAL)

Elegant Public School Market Road Palakkad- 678001			Sampling Done by	Customer	
			Sample Quantity	100 ml	
			Test performing date	From: 04/10/2024 to 08/10/2024	
Sl.No	Characteristics	Parameters	Test Method	Acceptable Limit as per - IS 10500-2012	Result
1	Coliform	Total Coliforms in 100ml	IS 15185: 2016 ISO 9308 -1 : 2014 Membrane Filtration Technique	Shall not be detected /100ml	Absent
2	E-Coli	Total E-Coli in 100ml	IS 15185: 2016 ISO 9308 -1 : 2014 Membrane Filtration 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 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.

[Signature]
08/10/2024
RESHMA
Analysed by

BACTERIOLOGIST
KERALA WATER AUTHORITY

[Signature]
08/10/2024
RESHMA
Authorized by

BACTERIOLOGIST
KERALA WATER AUTHORITY

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