



QUALITY CONTROL SUB DISTRICT LABORATORY
KERALA WATER AUTHORITY
VALAKAM P.O KOTTARAKKARA ,KOLLAM 691532

ULR-TC108172300000321F

Test Report

Report No - 2023/QCSDL/KTR/335		Date of issue :01/02/2023			
Customer Name & Address		1. Date of Receipt :31/01/2023			
THE PRINCIPAL TOCH (Res) PUBLIC SCHOOL PAPER MILL P.O. PUNALUR - 691332 PH NO : 9447245311		2. Sampling done by :Customer			
		3. Sample Code : 2023/QCSDL/KTR/335			
		4. Source of Sample :TAP WATER (KWA)			
		5. Sample Quantity : 2 Litres			
		6. Test Performing Dates From : 31/01/2023 To : 01/02/2023			
Sl. No.	Characteristics	Unit	Test Method	Maximum Acceptable limits as per IS 10500 - 2012	Result
1	Colour	(CU)	APHA 23rd Edition: 2120 Colour Method B	5	1
2	Odour		IS 3025 (Part 5): 2018	Agreeable	Agreeable
3	Turbidity	(NTU)	IS 3025 (Part 10): 1984	1	1.13
4	pH at 25°C		IS 3025 (Part 11): 2022 Electrometric Method	6.5 to 8.5	6.444
5	Total Alkalinity	(mg/L)	IS 3025 (Part 23): 1986	200	16.49
6	Total Dissolved Solids (TDS)	(mg/L)	IS 3025 (Part 16): 1984	500	32
7	Total Hardness (as CaCO ₃)	(mg/L)	IS 3025 (Part 21): 2009 EDTA Method	200	20
8	Calcium (as Ca)	(mg/L)	IS 3025 (Part 40): 1991 EDTA Method	75	< 5
9	Magnesium (as Mg)	(mg/L)	APHA 3500-Mg B	30	< 5
10	Chloride (as Cl)	(mg/L)	IS 3025 (Part 32) : 1988 Argentometric Method	250	5.94

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.

Verified By

Name : PRAVIDA.S
Sanitary Chemist

Pravida
1/2/23

Authorized By

Name: DHANYA.V
Sanitary Chemist

Dhanya V
1/2/23

* End of Report *

KWA/QCSDL/KTR/R/19

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Rev. No. 00

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		6. Test Performing Dates From : 31/01/2023 To : 01/02/2023			
		Sl. No.	Characteristics	Unit	Test Method
1	Electrical Conductivity at 25°C	(micro mhos/cm)	IS 3025 (part 14) - 1984	-	56.50
2	Acidity	(mg/L)	IS 3025 (part 22) - 1986 Indicator Method	-	< 5
3	Sulphate (as SO ₄)	(mg/L)	IS 3025 (part 24) - 1986 Turbidity Method Using spectrophotometer	200	0.14
4	Fluoride (as F)	(mg/L)	APHA 23rd Edition 4500 - F ⁻ D: 2017 SPADNS Method	1.0	0.00
5	Iron (as Fe)	(mg/L)	IS 3025 (part 53) - 2003 1,10 Phenanthroline Method	1.0	0.00
6	Nitrate (as NO ₃)	(mg/L)	APHA 23rd Edition 4500 - NO ₃ ⁻ B: 2017 UV Spectrophotometric Screening Method	45	1.26

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Verified By

Name : Pravida S
Sanitary Chemist

Pravida S
1/2/23

Authorized By

Name: Dhanya V
Sanitary Chemist

Dhanya V
1/2/23

* End of Report *

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