



KERALA WATER AUTHORITY
QUALITY CONTROL SUB DISTRICT LAB
AMBALAVAYAL, SULTHAN BATHERY,
WAYANAD

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TC-10708

TEST REPORT

ULR No-TC1070823000000822F

Date: 31/05/2023

Report No -KWA/BATHRY/822/2023 (QUA_67156)

Customer Name & Address St. Mary's English Medium School Pulpally Pulpally. PO	1. Date of Receipt	:31/05/2023
	2. Sampling done by	: Health Inspector
	3. Sample code	: 822/2022
	4. Source of sample	: Well Water
	5. Sample quantity	: 1 LTR
	6. Test performing dates From: 31/05/2023	To: 03/06/2023

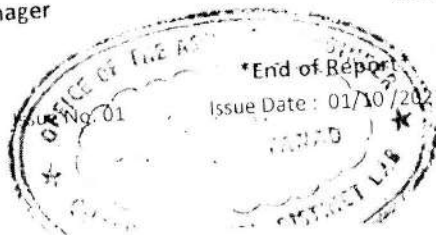
Sl. No	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500-2012	Result
1	Colour	Pt Co. unit	IS 3025 (part 4)-1983 (Platinum Cobalt- Visual Comparison)	-	--
2	Odour		IS 3025 (part 5)-2018	Agreeable	--
3	Taste		IS 3025(part 8)- 1984	Agreeable	--
4	Turbidity	(NTU)	IS 3025 (part 10)-1984 (Nephelometric method)	1	0.42
5	pH at --- °C		IS 3025 (PART 11)-1983 (Electrometric Method)	6.5 to 8.5	6.67
6	Alkalinity	(mg/litre)	IS 3025 (PART 23)-1986 (Indicator Method)	200	ND
7	Total Dissolved Solids (TDS)	(mg/litre)	IS 3025 (part 16)-1984 (Gravimetric method)	500	203
8	Total Hardness (as CaCO ₃)	(mg/litre)	IS 3025 (part 21)-2009 (EDTA Method)	200	131.3
9	Calcium (as Ca)	(mg/litre)	IS 3025 (part 40)-1991 (EDTA Method)	75	ND
10	Magnesium (as Mg)	(mg/litre)	IS 3025 (part 46)-1994 (Volumetric Method Using EDTA)	30	ND
11	Chloride (as Cl)	(mg/litre)	IS 3025 (part 32)-1988 (Argentometric Mthod)	250	29.7

NB:- The results stated above related only to the samples(S) submitting for testing. This test Certificate shall not be reproduced except in full without the written approval of the Laboratory.

Analyzed By:
 Technical Manager

Authorized By:
 Deputy Quality Manager

KWA/QCSDL/BATHRY/F/04



QUALITY MANAGER
 Quality Control District Laboratory
 Sulthan Bathery, Wayanad

Principal
 St. Mary's English Medium School
 Pulpally, Wayanad, Kerala- 673579



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TEST REPORT

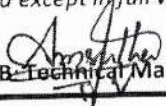
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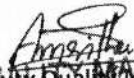
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Sl. No	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500-2012	Result
12	Electrical conductivity at 25°C	(micro mhos/cm)	IS 3025 (part 14)-2013 (Wheatstone Bridge Conductance Cell Method)		338
13	Iron (as Fe)	(mg/litre)	IS 3025 (part 53)-2003 (Spectrophotometric method)	1.0	0.05
14	Nitrate (as NO ₃)	(mg/litre)	IS 3025 (part 34)-1988 (Spectrophotometric method)	45	1.1

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Analyzed By:  Technical Manager

Authorized By:  Deputy Quality Manager
Quality Control District Laboratory
Sulthan Bathery, Wayanad

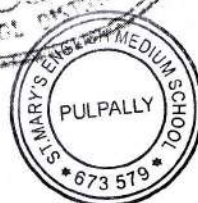
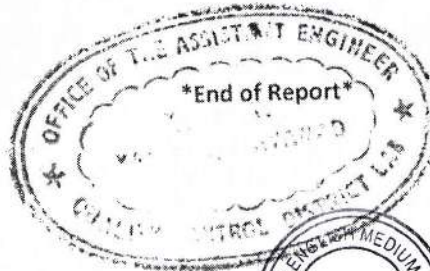
TEST REPORT - BACTERIOLOGICAL

Sl. No	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500-2012	Result
1	Coliforms	CFU/100 ml	IS 15185(part1) 2002 reaffirmed2016	Shall not be detectable in any 100ml sample	TNTC
2	E coli	CFU/100 ml	IS 15185(part1) 2002 reaffirmed2016	Shall not be detectable in any 100ml sample	NIL

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Tested by:

Authorized By:  Micro Biologist




Principal
St. Mary's English Medium School
Pulpally, Wayanad, Kerala-673579