



KERALA WATER AUTHORITY
QUALITY CONTROL SUB DISTRICT LABORATORY
PARAPPANANGADI, MALAPPURAM DT.
Phone:0494 294 6804 , email: qcsdl.pgdi@gmail.com

TEST REPORT

ULR NO-PGDI2400001893

		Date: 04.07.2024
Customer Name & Address	1. Sample Code	M6/1893
GEMS PUBLIC SCHOOL KOORIYAD TIRURANGADI 676306 9995404040	2. Date of Receipt	02-07-24
	3. Sampling Done by	PARTY
	4. Sample	DRINKING WATER
	5. Source of Sample	OPEN WELL
	6. Sample Quantity	1L
	Sample Performance from:02-07.2024 - 04.07.2024	

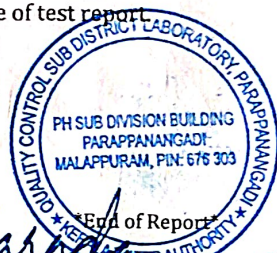
Sl. No	Characteristics	Unit	Test Method	Acceptable Limit as per IS 10500:2012	Permissible Limit as per IS 10500:2012	Results
1	Colour	CU	Visual comparison method IS 3025(part 4)-1983	5	15	NOT DONE
2	Odour		IS 3025(part 5)-2018	Agreeable	Agreeable	NOT DONE
3	Turbidity	NTU	Nephelometric method IS 3025(part 10)-1984	1	5	0.01
4	pH at 25°C		Electrometric method IS 3025(part 11)-2022	6.5 - 8.5	No relaxation	5.87
5	Alkalinity	mg/litre	Titrimetric method IS 3025(part 23)-1986	200	600	NOT DONE
6	Total Dissolved Solids (TDS)@180°C	mg/litre	Gravimetric Method IS 3025(part 16)-1984	500	2000	NOT DONE
7	Total Hardness (as CaCO ₃)	mg/litre	EDTA titrimetric method IS 3025(part 21)-2009	200	600	24
8	Calcium (as Ca ²⁺)	mg/litre	EDTA titrimetric method IS 3025(part 40)-1991	75	200	NOT DONE
9	Magnesium (as Mg ²⁺)	mg/litre	Volumetric method using EDTA IS 3025(part 46)-1994	30	100	NOT DONE
10	Chloride (as Cl ⁻)	mg/litre	Argentometric Titration method IS 3025(part 32)-1988	250	1000	27

NR:- 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.

We are retaining sample for 14 days after the release of test report.

Reviewed by:

[Signature]
For Gems Public School



[Signature]
Authorized By

VISHNU VATTIPPARAMBATH
DEPUTY QUALITY MANAGER
QCS DL PARAPPANANGADI
KERALA WATER AUTHORITY
PARAPPANANGADI, MALAPPURAM DT.

[Signature]
PRINCIPAL
Gems Public School



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TEST REPORT

		Date: 04.07.2024
Customer Name & Address GEMS PUBLIC SCHOOL KOORIYAD TIRURANGADI 676306 9995404040	1. Sample Code	M6/1893
	2. Date of Receipt	02-07-24
	3. Sampling Done by	PARTY
	4. Sample	DRINKING WATER
	5. Source of Sample	OPEN WELL
	6. Sample Quantity	1L
	Sample Performance from:02-07.2024 - 04.07.2024	

Sl. No	Characteristics	Unit	Test Method	Acceptable Limit as per IS 10500:2012	Permissible Limit as per IS 10500:2012	Results
1	Taste		IS 3025 (part 8)-1984	Agreeable	Agreeable	NOT DONE
2	Electrical Conductivity at 25°C	micro mhos/cm	IS 3025(part 14)-2013			142.9
3	Acidity	mg/litre	IS 3025(part 22)-1986 (Titrimetric Method)			NOT DONE
4	Sulphate	mg/litre	IS 3025(part 24)-1984 (APHA23rd Turbidimetric method)	200	400	NOT DONE
5	Flouride (as F-)	mg/litre	IS 3025(part 60)-2008	1	1.5	NOT DONE
6	Iron (as Fe2+)	mg/litre	IS 3025(part 53)-2003	1	No relaxation	0.08
7	Nitrate (as NO3-)	mg/litre	APHA23rd Edition (UV Screening method)	45	No relaxation	2.1
8	Residual Chlorine	mg/litre	IS 3025(part 26)-1986	0.2	0.5	NOT DONE
9	Ammonia	mg/litre	IS 3025(part 34)-1986	0.5	No relaxation	0.25

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Reviewed by:

[Signature]
For Gems Public School



Authorized By

VISHNU VATTIPPARAMBATH

DEPUTY QUALITY MANAGER
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PARAPPANANGADI, MALAPPURAM DT.

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Manager

KOORIYAD

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KERALA WATER AUTHORITY
Quality Control Sub district Laboratory Parappanangadi, Malappuram.
Water Analysis Report

Report No-KWA/MPM/PDI/R/24/1893		Date: 04.07.2024				
Customer Name & Address		1. Sample Code	M6/1893			
GEMS PUBLIC SCHOOL KOORIYAD TIRURANGADI 676306 9995404040		2. Date of Receipt	02-07-24			
		3. Sampling Done by	PARTY			
		4. Source of Sample	OPEN WELL			
		5. Sample Quantity	100 ml			
		Sample Performance from:02-07.2024 - 04.07.2024				
Sl. No	Characteristics	Test Method	Acceptable Limit as per IS 10500:2012	Permissible Limit as per IS 10500:2012	Results	
1	Total Coliforms	CFU/100ml	IS 15185 : 2016 ISO 9308-I:2014	Shall not be detected/100ml	No relaxation	300
2	E-Coli	CFU/100ml	IS 15185 : 2016 ISO 9308-I:2014	Shall not be detected/100ml	No relaxation	ABSENT

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TNTC- Too Numerous To Count



Tested By

Rajsa Karadan
For Gems Public School

Manager

Principals

PRINCIPAL
Gems Public School
KOORIYAD