



TEST REPORT

Report No - KWA/KKD/KTDY/1924/2026

Date of Report: 12/05/2026

SIRAJUL HUDA, EDUCATIONAL COMPLEX WELL C/O RIYAS 9847041904	1. Sample received on	: 07/05/2026
	2. Sample Condition	: FIT FOR ANALYSIS
	3. Sampling done by	: HEALTH INSPECTOR(FHC KAYAKKODY)
	4. Sample Ref. No:	: 98/2026
	5. Sample code	: 1924 /2026
	6. Source of sample	: OPEN WELL WATER
	7. Sample quantity	: 1 L
	8. Test performing dates	From : 07/05/2026 To: 12/05/2026

Sl. No	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500-2012	Result
1	Colour	HU	IS 3025 (part 4)-2021 (PLATINUM COBALT VISUAL COMPARISON METHOD)	< 5.0	ND
2	Odour		IS 3025 (part 5)-2018	Agreeable	ND
3	Turbidity	(NTU)	IS 3025 (part 10)-1984 (NEPHLOMETRIC METHOD)	1	<5.0
4	pH at 25 °C		IS 3025 (PART 11)-2022	6.5 to 8.5	7.08
5	Alkalinity (as CaCO ₃)	(mg/litre)	IS 3025 (PART 23)-1986 (INDICATOR METHOD)	200	<5.0
6	Total Dissolved Solids at 180°C (TDS)	(mg/litre)	IS 3025 (part 16)-2023 (GRAVIMETRIC METHOD)	500	100.0
7	Total Hardness (as CaCO ₃)	(mg/litre)	IS 3025 (part 21)-2009 (EDTA METHOD)	200	74.0
8	Calcium (as Ca)	(mg/litre)	IS 3025 (part 40)-1991 (EDTA METHOD)	75	24.05
9	Magnesium (as Mg)	(mg/litre)	IS 3025 (part 46)-1994 (TITRATION METHOD)	30	<5.0
10.	Chloride (as Cl)	(mg/litre)	IS 3025 (part 32)-1988 (ARGENTOMETRIC METHOD)	250	10.0

Remarks:- The results reported relate only to the sample received and tested. This test Report shall not be reproduced except in full without the written approval of the Laboratory.

Reviewed By: Chemist



DEPUTY QUALITY MANAGER
 KERALA WATER AUTHORITY
 SUB DISTRICT LABORATORY
 KUTTIADY, KOZHIKODE
 Authorized By: *[Signature]*



KERALA WATER AUTHORITY

QUALITY CONTROL SUB DISTRICT LAB

KUTTIADY, KOZHIKODE

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	3.Sampling done by	: HEALTH INSPECTOR(FHC KAYAKKODY)
	4.Sample Ref. No:	: 98/2026
	5.Sample code	: 1924 /2026
	6.Source of sample	: OPEN WELL WATER
	7.Sample quantity	: 1 L
	8.Test performing dates	From : 07/05/2026 To: 12/05/2026

Sl. No	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500-2012	Result
1	Electrical conductivity at 25°C	(micro mhos/cm)	IS 3025 (part 14)-2013 (Reaffirmed 2019)		156.5
2	Acidity	(mg/litre)	IS 3025 (part 22)-1986 (Reaffirmed 2019)	3	-
3	Sulphate (as SO ₄)	(mg/litre)	IS 3025 (PART 24)-1986 (Reaffirmed 2019)	200	0.5
4	Phosphate [as PO ₄]	(mg/litre)	IS 3025 (PART 31)-2008 (Reaffirmed 2019)		ABSENT
5	Fluoride (as F)	(mg/litre)	APHA 4500F-D 23rd Edition	1.0	BDL
6	Iron (as Fe)	(mg/litre)	IS 3025 (part 53)-2003 (Reaffirmed 2014)	1.0	0.1
7	Nitrate (as NO ₃)	(mg/litre)	APHA4500NO3-B 23rd Edition	45	5.0
8	Ammonia	(mg/litre)	IS 3025 (part 34)-2008 (Reaffirmed 2019)	0.5	0.1
9	Residual Chlorine	(mg/litre)	IS 3025 (part 26)-1986 (Reaffirmed 2019)	0.2	ND

*ND→Not Detected *BDL→Below Detectable Limit

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DEPUTY QUALITY MANAGER
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KWA/QC/KKD/KTDY/F4

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KERALA WATER AUTHORITY

QUALITY CONTROL SUB DISTRICT LAB

KUTTIADY, KOZHIKODE

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	4.Sample Ref. No:	: 98/2026
	5.Sample code	: 1924 /2026
	6.Source of sample	: OPEN WELL WATER
	7.Sample quantity	: 100 ML
	8.Test performing dates	From : 07/05/2026 To: 12/05/2026

Sl. No	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500-2012	Result
1	Coliforms	CFU/100ml	IS 15185(part1) 2002 reaffirmed2016	Shall not be detectable in any 100ml sample	40 CFU/100ML
2	E coli	CFU/100ml	IS 15185(part1) 2002 reaffirmed2016	Shall not be detectable in any 100ml sample	NIL

*TNTC → Too Numerous To Count (COLIFORM COUNT ABOVE 300CFU/100 ml)

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Authorized By: 
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