



KERALA WATER AUTHORITY

QUALITY CONTROL SUB DISTRICT LAB

VADAKARA, KOZHIKODE

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(NABL Recognised Block Level Government Drinking Water Testing Laboratory)

Certificate No : NABL-DWT-00991

TEST REPORT

Report No - KWA/V/2157/26

Date of issue: 26/05/2026

Customer Name & Address MES PUBLIC SCHOOL C/O HM ORKKATTERI	1. Date of Receipt	: 25/05/2026
	2. Sampling done by	: HEALTH INSPECTOR
	3. Sample code	: 2157/26
	4. Sample condition	: FIT FOR ANALYSIS
	5. Source of sample	: BORE WELL WATER
	6. Sample quantity	: 1 LTR
	7. Test performing dates	: 25/05/2026 to 26/05/2026

	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500-2012	Result
1	Colour	Pt Co. unit	IS 3025 (part 4)-2021 (PLATINUM COBALT VISUAL COMPARISON METHOD)	5	<5.0
2	Odour		IS 3025 (part 5)-2018	Agreeable	Agreeable
3	Turbidity	(NTU)	IS 3025 (part 10)-1984 (NEPHLOMETRIC METHOD)	1	1.22
4	pH at 25 °C		IS 3025 (PART 11)-2023	6.5 to 8.5	7.05
5	Total Alkalinity (as CaCO ₃)	(mg/L)	IS 3025 (PART 23)-1986 (INDICATOR METHOD)	200	150.0
6	Total Dissolved Solids (TDS) ₅	(mg/L)	IS 3025 (part 16)-1984 (GRAVIMETRIC METHOD)	500	229.36
7	Total Hardness (as CaCO ₃)	(mg/L)	IS 3025 (part 21)-2009 (EDTA METHOD)	200	132.0
8	Calcium (as Ca)	(mg/L)	IS 3025 (part 40)-1992 (EDTA METHOD)	75	43.2
9	Magnesium (as Mg)	(mg/L)	IS 3025 (part 46)-1994 (TITRATION METHOD)	30	5.77
10	Chloride (as Cl)	(mg/L)	IS 3025 (part 32)-1988 (ARGENTOMETRIC METHOD)	250	10.0

Remark: - 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



Authorized By: Deputy Quality Manager

DEPUTY QUALITY MANAGER
KERALA WATER AUTHORITY
SUB DISTRICT LABORATORY
VADAKARA, KOZHIKODE

KWA/QC/KKD/V/F8

Issue No. 01

Issue Date: 01/12/2020

Rev.No. 00

Rev.Date : 00



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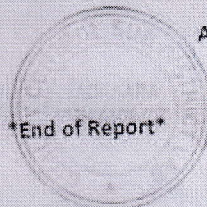
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Customer Name & Address MES PUBLIC SCHOOL C/O HM ORKKATTERI	1.Date of Receipt	: 25/05/2026
	2.Sampling done by	: HEALTH INSPECTOR
	3.Sample code	: 2157/26
	4.Sample condition	: FIT FOR ANALYSIS
	5.Source of sample	: BORE WELL WATER
	6.Sample quantity	: 1 LTR
	7.Test performing dates	: 25/05/2026 to 26/05/2026

	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)	-	337.3
2	Sulphate (as SO ₄)	(mg/L)	IS 3025 (PART 24)-1986 (Reaffirmed 2019)	200	1.64
3	Phosphate [as PO ₄]	(mg/L)	IS 3025 (PART 31)-2008 (Reaffirmed 2019)	-	BDL
4	Iron (as Fe)	(mg/L)	IS 3025 (part 53)-2003 (Reaffirmed 2014)	1.0	0.08
5	Nitrate (as NO ₃)	(mg/L)	APHA4500NO3-B 23rd Edition	45	BDL
6	Ammonia	(mg/L)	IS 3025 (part 34)-2008 (Reaffirmed 2019)	0.5	BDL
7	Fluoride (as F)	(mg/L)	APHA 4500F-D 23rd Edition	1.0	BDL
8	Residual Chlorine	(mg/L)	IS 3025 (part 26)-1986 (Reaffirmed 2019)	0.2	ND

*BDL: BELOW DETECTION LEVEL ND- Not Done

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	2.Sampling done by	: HEALTH INSPECTOR
	3.Sample code	: 2157/26
	4.Sample condition	: FIT FOR ANALYSIS
	5.Source of sample	: BORE WELL WATER
	6.Sample quantity	: 100ML
	7.Test performing dates	: 25/05/2026 to 26/05/2026

Sl. No	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500-2012	Result
1	Coliforms	CFU/100 ml	IS 15185 (part1) 2016 reaffirmed 2021	Shall not be detectable in any 100ml sample	180
2	E coli	CFU/100 ml	IS15185 (part1) 2016 reaffirmed2021	Shall not be detectable in any 100ml sample	NIL

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Authorized By:

Vidula

End of Report