



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/1189/25

Date of issue: 02/05/2025

Customer Name & Address	1.Date of Receipt	: 29/04/2025
MOUNT GUIDE INTERNATIONAL SCHOOL C/O PRINCIPAL PULIYANAMBRAM	2.Sampling done by	: HEALTH INSPECTOR
	3.Sample code	: 1189/25
	4.Sample condition	: FIT FOR ANALYSIS
	5.Source of sample	: OPEN WELL WATER
	6.Sample quantity	: 1 LTR
	7.Test performing dates	: 29/04/2025 to 02/05/2025

	Characteristics	Unit	Test Method	Acceptable limits as per IS 10820-2012	Result
1	Colour	Pt Co. unit	IS 8028 (part 8)-2021 (PLATINUM COBALT VISUAL COMPARISON METHOD)	5	<5.0
2	Odour		IS 8028 (part 8)-2018	Agreeable	Agreeable
3	Turbidity	(NTU)	IS 8028 (part 10)-1988 (NEPHLOMETRIC METHOD)	1	<0.5
4	pH at 25 °C		IS 8028 (PART 11)-2022	6.5 to 8.5	5.82
5	Total Alkalinity (as CaCO ₃)	(mg/L)	IS 8028 (PART 28)-1988 (INDICATOR METHOD)	200	12.0
6	Total Dissolved Solids (TDS)	(mg/L)	IS 8028 (part 18)-1988 (GRAVIMETRIC METHOD)	500	122.0
7	Total Hardness (as CaCO ₃)	(mg/L)	IS 8028 (part 21)-2009 (EDTA METHOD)	200	44.0
8	Calcium (as Ca)	(mg/L)	IS 8028 (part 80)-1991 (EDTA METHOD)	75	12.8
9	Magnesium (as Mg)	(mg/L)	IS 8028 (part 88)-1998 (TITRATION METHOD)	30	<5.0
10	Chloride (as Cl)	(mg/L)	IS 8028 (part 82)-1988 (ARGENTOMETRIC METHOD)	250	22.0

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

End of Report

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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MOUNT GUIDE INTERNATIONAL SCHOOL C/O PRINCIPAL PULIYANAMBRAM	2.Sampling done by	: HEALTH INSPECTOR
	3.Sample code	: 1189/25
	4.Sample condition	: FIT FOR ANALYSIS
	5.Source of sample	: OPEN WELL WATER
	6.Sample quantity	: 1 LTR
	7.Test performing dates	: 29/04/2025 to 02/05/2025

	Characteristics	Unit	Test Method	Acceptable limits as per IS 10820-2012	Result
1	Electrical conductivity at 25°C	(micro mhos/cm)	IS 8028 (part 18)-2018 (Reaffirmed 2019)	-	182.0
2	Sulphate (as SO ₄)	(mg/L)	IS 8028 (PART 28)-1988 (Reaffirmed 2019)	200	2.0
3	Phosphate [as PO ₄]	(mg/L)	IS 8028 (PART 81)-2008 (Reaffirmed 2019)	-	BDL
4	Iron (as Fe)	(mg/L)	IS 8028 (part 88)-2008 (Reaffirmed 2018)	1.0	0.41
5	Nitrate (as NO ₃)	(mg/L)	APHA8800NO8-B 28rd Edition	45	30.0
6	Ammonia	(mg/L)	IS 8028 (part 88)-2008 (Reaffirmed 2019)	0.5	0.32
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 Detected

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	3.Sample code	: 1189/25
	4.Sample condition	: FIT FOR ANALYSIS
	5.Source of sample	: OPEN WELL WATER
	6.Sample quantity	: 100 ML
	7.Test performing dates	: 29/04/2025 to 02/05/2025

Sl. No	Characteristics	Unit	Test Method	Acceptable limits as per IS 10820-2012	Result
1	Coliforms	CFU/100 ml	IS1808 8(part1) 2002 reaffirmed2018	Shall not be detectable in any 100ml sample	170
2	E coli	CFU/100 ml	IS1808 8(part1) 2002 reaffirmed2018	Shall not be detectable in any 100ml sample	NIL

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Authorized By:

