



KERALA WATER AUTHORITY

QUALITY CONTROL SUB DISTRICT LAB

VADAKARA, KOZHIKODE

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TEST REPORT

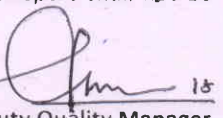
Report No – KWA/V/0663/24

Date of issue: 31/05/2024

Customer Name & Address MOUNT GUIDE INTERNATIONAL SCHOOL C/O PRINCIPAL PERINGATHIUR	1.Date of Receipt	: 29/05/2024
	2.Sampling done by	: HEALTH INSPECTOR
	3.Sample code	: 0663/24
	4.Sample condition	: FIT FOR ANALYSIS
	5.Source of sample	: OPEN WELL WATER
	6.Sample quantity	: 1 LTR
	7.Test performing dates	: 29/05/2024 to 31/05/2024

	Characteristics	Unit	Test Method	Acceptable limits as per IS 10520-2012	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	0.70
4	pH at 25 °C		IS-3025 (PART 11)-2022	6.5 to 8.5	6.05
5	Total Alkalinity (as CaCO ₃)	(mg/L)	IS 3025 (PART 23)-1986 (INDICATOR METHOD)	200	10.0
6	Total Dissolved Solids (TDS)	(mg/L)	IS 3025 (part 16)-1984 (GRAVIMETRIC METHOD)	500	103.0
7	Total Hardness (as CaCO ₃)	(mg/L)	IS 3025 (part 21)-2009 (EDTA METHOD)	200	18.0
8	Calcium (as Ca)	(mg/L)	IS 3025 (part 40)-1991 (EDTA METHOD)	75	<5.0
9	Magnesium (as Mg)	(mg/L)	IS 3025 (part 46)-1994 (TITRATION METHOD)	30	<5.0
10	Chloride (as Cl)	(mg/L)	IS 3025 (part 32)-1988 (ARGENTOMETRIC METHOD)	250	26.0

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
VATAKARA, KOZHIKODE



KWA/QC/KKD/V/F4

Issue No. 01

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Rev.Date : 00



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MOUNT GUIDE INTERNATIONAL SCHOOL C/O PRINCIPAL PERINGATHIUR	2.Sampling done by	: HEALTH INSPECTOR
	3.Sample code	: 0663/24
	4.Sample condition	: FIT FOR ANALYSIS
	5.Source of sample	: OPEN WELL WATER
	6.Sample quantity	: 1 LTR
	7.Test performing dates	: 29/05/2024 to 31/05/2024

	Characteristics	Unit	Test Method	Acceptable limits as per IS 10520-2012	Result
1	Electrical conductivity at 25°C	(micro mhos/cm)	IS 3025 (part 14)-2013 (Reaffirmed 2019)	-	151.4
2	Sulphate (as SO ₄)	(mg/L)	IS 3025 (PART 24)-1986 (Reaffirmed 2019)	200	0.8
3	Phosphate [as PO ₄]	(mg/L)	IS 3025 (PART 31)-2008 (Reaffirmed 2019)	-	BDL
4	Fluoride (as F)	(mg/L)	APHA 4500F-D 23rd Edition	1.0	BDL
5	Iron (as Fe)	(mg/L)	IS 3025 (part 53)-2003 (Reaffirmed 2014)	1.0	0.8
6	Nitrate (as NO ₃)	(mg/L)	APHA4500NO ₃ -B 23rd Edition	45	35.0
7	Ammonia	(mg/L)	IS 3025 (part 34)-2008 (Reaffirmed 2019)	0.5	BDL

*BDL: BELOW DETECTION LEVEL

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End of Report

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MOUNT GUIDE INTERNATIONAL SCHOOL C/O PRINCIPAL PERINGATHIUR	2. Sampling done by	: HEALTH INSPECTOR
	3. Sample code	: 0663/24
	4. Sample condition	: FIT FOR ANALYSIS
	5. Source of sample	: OPEN WELL WATER
	6. Sample quantity	: 100 ML
	7. Test performing dates	: 29/05/2024 to 31/05/2024

Sl. No	Characteristics	Unit	Test Method	Acceptable limits as per IS 10520-2012	Result
1	Coliforms	CFU/100 ml	IS 15185(part1) 2002 reaffirmed2016	Shall not be detectable in any 100ml sample	NIL
2	E coli	CFU/100 ml	IS 15185(part1) 2002 reaffirmed2016	Shall not be detectable in any 100ml sample	NIL

*TNTC- TOO NUMEROUS TO COUNT (COLIFORM COUNT ABOVE 300CFU/100ml)

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End of Report

