UNIVERSAL BIOLAB

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KSPCB APPROVAL NO:- C 41/ 2021

WATER ANALYSIS REPORT

Report No:-UBL / 1528 **Client Name:-Fathimagiri School** **Address:-Chandakkunnu** Phone no:-9495222793 **Type of Analysis: Physical Chemical & Microbiological**	**Date :-10/07/2024** **Source of sample : Open Well** **Sample Container :-1L,100ml** **Sample Collected By :-Party** **Sample delivered by:- Party** **Date of sampling :-10/07/2024** **Date of receipt : 10/07/2024** **Period of analysis :- 10/07/2024-12/07/2024**

Sl No	Parameters	Test Method APHA	Result	Unit	Acceptable limit IS 10500:*2012*	Permissible limit in the absence of alternate sources
PHYSICAL						
1.	Color	2120b		Hazen	Maximum 5	15
2.	Taste & Odor	2150A&2160A		a--	Agreeable	No Relaxation
3.	Turbidity	2130B	0.1	NTU	Maximum1	5
4.	Electrical Conductivity @25°C	2510B	16	µs/CM	No Limit	No Limit
CHEMICAL						
5.	Total dissolved solids- TDS	2540C	8	Mg/L	Maximum 500	2000
6.	PH @ 25°C	4500 H+B	6	--	6.5 – 8.5	No relaxation
7.	Total Alkalinity	2320B	6	Mg/L	Maximum200	600
8.	Total Hardness	2340C	6	Mg/L	Maximum200	600
9.	Calcium Hardness	3500Ca B	4	Mg/L	No limit	No limit
10.	Magnesium Hardness	3500 Mg B	2	Mg/L	No limit	No limit
11.	Calcium	3500 Ca B	1.6	Mg/L	Maximum75	200
12.	Magnesium	3500 Mg B	0.48	Mg/L	Maximum 30	100
13.	Chloride	4500 Cl B	2	Mg/L	Maximum 250	1000
14.	Sulphate	4500 SO_4 E	BDL	Mg/L	Maximum200	400
15.	Nitrate as NO_3	4500 NO_3 B	BDL	Mg/L	Maximum 45	No Relaxation
16.	Ammonia as NH_3	4500 NH_3 F	BDL	Mg/L	Maximum0.50	No Relaxation
17.	Iron	3500 Fe B	BDL	Mg/L	Maximum 1.00	No Relaxation
MICRO BIOLOGICAL						
18.	Total coliforms	9222 B	Absent	Cfu/100ml	Shall be absent	No Relaxation
19.	Faecal Coliforms	9222 D	Absent	Cfu/100ml	Shall be absent	No Relaxation

Note :This report is of the sample tested only and shall not be reproduced except in full Remarks:- The water sample tested shows deviation from acceptable limits for PH.Lime treatment to boost the ph level,

KERALA STATE POLLUTION CONTROL BOARD APROVED LABORTORY

Authorized signatory

Principal
Fatimagiri English School
Nilambur R.S., - 679 330

FATIMAGIRI ENGL. SCHOOL NILAMBUR R.S. - 679330

UNIVERSAL BIO LAB CHANDAKKUNNU (GOVT. APPROVED) NILAMBUR
Date