



KERALA STATE POLLUTION CONTROL BOARD APPROVED LABORATORY

Report No: VAL005160	Sample Date: 18-02-2026	Sample Received By: Lameesa K
Name: NOBLE PUBLIC SCHOOL	Source Of sample: Open Well	Sample Delivered By: Client
Mob No: 9946769572	Sample Containor: Bottle	Date Of Receipt: 18-02-2026 10:14:AM
Address: Manjeri (Well-1)	Sample Collected By: Client	Period Of Analysis: 18/02/2026 To 23/02/2026

Sl No	Parameter	Test Method	Result	Unit	Available Limit IS-10500:2012
PHYSICAL					
1	Colour	2120B	Slightly Clear	Hazen	Maximum 5
2	Odor	2150A	Agreeable	—	Agreeable
3	Turbidity	2130B	5.5	NTU	Maximum 1
4	Electrical conductivity	2510B	385	µS/cm	No Limit
5	Total Dissolved Solids- TDS	2540C	198	mg/L	Maximum 500
CHEMICAL					
6	pH @25°C	4500H+B	5.24	—	6.5-8.5
7	Total Alkalinity	2320B	28	mg/L	Maximum 200
8	Acidity	2310B	42	mg/L	No Limit
9	Total Hardness as Caco3	2340C	107	mg/L	Maximum 200
10	Calcium Hardness as Caco3	3500Ca B	63	mg/L	No Limit
11	Magnesium Hardness as Caco3	3500Mg B	44	mg/L	No Limit
12	Calcium	3500Ca B	25.25	mg/L	Maximum 75
13	Magnesium	3500 Mg B	10.69	mg/L	Maximum 30
14	Chloride	4500Cl B	75	mg/L	Maximum 250
15	Sulphate	4500SO4 E	5.18	mg/L	Maximum 200
16	Ammonia as N	4500NH3 F	BDL	mg/L	Maximum 0.50
17	Iron	3500Fe B	BDL	mg/L	Maximum 0.3
MICROBIOLOGICAL					
18	Total Coliforms	9222B	560	Cfu/100ml	Shall be absent
19	Fecal Coliforms	9222D	65	Cfu/100ml	Shall be absent

BDL : Below Detection Level

Remarks : Low pH, pH can be raised by adding small quantity of lime (Calcium hydroxide). Turbidity Value Exceed Permissible Limit. Bacteria Presence Found. Chlorination/UV Filtration Recommended.

Water is essential for life. People depend on safe water for their health and livelihood. But contaminated water leads to millions of deaths and even more illness every year.

Systems using surface water sources need to be disinfected/Treated. So as to ensure that all bacterial contamination like E-Coli must be inactivated. To kill or inactivate E-coli, water should be treated using chlorine, ultraviolet treatment system or ozone. Pesticides and fertilizers from agricultural operations, naturally occurring hazardous chemicals, such as arsenic, sewage and food processing wastes also contaminants water.



[Signature]

MICROBIOLOGIST

[Signature]

CHIEF ANALYST



KERALA STATE POLLUTION CONTROL BOARD APPROVED LABORATORY

Report No: VAL005162	Sample Date: 18-02-2026	Sample Received By: Lameesa K
Name: NOBLE PUBLIC SCHOOL	Source Of sample: Open Well	Sample Delivered By: Client
Mob No:	Sample Containor: Bottle	Date Of Receipt: 18-02-2026 10:17:AM
Address: Manjeri (Well-3)	Sample Collected By: Client	Period Of Analysis: 18/02/2026 To 23/02/2026

Sl No	Parameter	Test Method	Result	Unit	Available Limit IS-10500:2012
-------	-----------	-------------	--------	------	----------------------------------

PHYSICAL

1	Colour	2120B	Clear	Hazen	Maximum 5
2	Odor	2150A	Agreeable	—	Agreeable
3	Turbidity	2130B	0.7	NTU	Maximum 1
4	Electrical conductivity	2510B	486	µS/cm	No Limit
5	Total Dissolved Solids- TDS	2540C	251	mg/L	Maximum 500

CHEMICAL

6	pH @25°C	4500H+B	5.58	—	6.5-8.5
7	Total Alkalinity	2320B	30	mg/L	Maximum 200
8	Acidity	2310B	62	mg/L	No Limit
9	Total Hardness as Caco3	2340C	119	mg/L	Maximum 200
10	Calcium Hardness as Caco3	3500Ca B	68	mg/L	No Limit
11	Magnesium Hardness as Caco3	3500Mg B	51	mg/L	No Limit
12	Calcium	3500Ca B	27.25	mg/L	Maximum 75
13	Magnesium	3500 Mg B	12.39	mg/L	Maximum 30
14	Chloride	4500Cl B	90	mg/L	Maximum 250
15	Sulphate	4500SO4 E	7.01	mg/L	Maximum 200
16	Ammonia as N	4500NH3 F	BDL	mg/L	Maximum 0.50
17	Iron	3500Fe B	0.13	mg/L	Maximum 0.3

MICROBIOLOGICAL

18	Total Coliforms	9222B	620	Cfu/100ml	Shall be absent
19	Fecal Coliforms	9222D	70	Cfu/100ml	Shall be absent

BDL : Below Detection Level

Remarks : Low pH, pH can be raised by adding small quantity of lime (Calcium hydroxide). Bacteria Presence Found. Chlorination/UV Filtration Recommended.

Water is essential for life. People depend on safe water for their health and livelihood. But contaminated water leads to millions of deaths and even more illness every year.

Systems using surface water sources need to be disinfected/Treated. So as to ensure that all bacterial contamination like E-Coli must be inactivated. To kill or inactivate E-coli, water should be treated using chlorine, ultraviolet treatment system or ozone. Pesticides and fertilizers from agricultural operations, naturally occurring hazardous chemicals, such as arsenic, sewage and food processing wastes also contaminants water.



[Signature]

MICROBIOLOGIST

[Signature]

CHIEF ANALYST



KERALA STATE POLLUTION CONTROL BOARD APPROVED LABORATORY

Report No: VAL005161	Sample Date: 18-02-2026	Sample Received By: Lameesa K
Name: NOBLE PUBLIC SCHOOL	Source Of sample: Open Well	Sample Delivered By: Client
Mob No:	Sample Container: Bottle	Date Of Receipt: 18-02-2026 10:16:AM
Address: Manjeri (Well-2)	Sample Collected By: Client	Period Of Analysis: 18/02/2026 To 23/02/2026

Sl No	Parameter	Test Method	Result	Unit	Available Limit IS-10500:2012
PHYSICAL					
1	Colour	2120B	Slightly Clear	Hazen	Maximum 5
2	Odor	2150A	Agreeable	---	Agreeable
3	Turbidity	2130B	3.2	NTU	Maximum 1
4	Electrical conductivity	2510B	392	µS/cm	No Limit
5	Total Dissolved Solids- TDS	2540C	202	mg/L	Maximum 500
CHEMICAL					
6	pH @25°C	4500H+B	5.77	---	6.5-8.5
7	Total Alkalinity	2320B	32	mg/L	Maximum 200
8	Acidity	2310B	55	mg/L	No Limit
9	Total Hardness as Caco3	2340C	113	mg/L	Maximum 200
10	Calcium Hardness as Caco3	3500Ca B	62	mg/L	No Limit
11	Magnesium Hardness as Caco3	3500Mg B	51	mg/L	No Limit
12	Calcium	3500Ca B	24.85	mg/L	Maximum 75
13	Magnesium	3500 Mg B	12.39	mg/L	Maximum 30
14	Chloride	4500Cl B	79	mg/L	Maximum 250
15	Sulphate	4500SO4 E	5.86	mg/L	Maximum 200
16	Ammonia as N	4500NH3 F	BDL	mg/L	Maximum 0.50
17	Iron	3500Fe B	0.06	mg/L	Maximum 0.3
MICROBIOLOGICAL					
18	Total Coliforms	9222B	200	Cfu/100ml	Shall be absent
19	Fecal Coliforms	9222D	Absent	Cfu/100ml	Shall be absent

BDL : Below Detection Level

Remarks : Low pH, pH can be raised by adding small quantity of lime (Calcium hydroxide). Turbidity Value Exceed Permissible Limit. Bacteria Presence Found. Chlorination/UV Filtration Recommended.

Water is essential for life. People depend on safe water for their health and livelihood. But contaminated water leads to millions of deaths and even more illness every year.

Systems using surface water sources need to be disinfected/Treated. So as to ensure that all bacterial contamination like E-Coli must be inactivated. To kill or inactivate E-coli, water should be treated using chlorine, ultraviolet treatment system or ozone. Pesticides and fertilizers from agricultural operations, naturally occurring hazardous chemicals, such as arsenic, sewage and food processing wastes also contaminants water.



[Signature]

MICROBIOLOGIST

[Signature]

CHIEF ANALYST