

## Water Analysis Report

AR No: AR /PL/2025/0512

Date: 16/05/2025

**Principal,  
St. Mary's English Medium School  
Kodenchery**

Date & Time of sample collection: 12/05/2025,  
08.00 am

Domestic  Establishment

Sample collected by: JHI, FHC Kodenchery

Sample delivered by: Lally

Date & Time of delivery: 12/05/2025, 10.45 am

Source of Sample: Open well

Sample received by: Vidhya

Sample container: 1L Bottle

Sample condition: Normal

Type of Test: Chemical

Microbiological

Period of Analysis: 5 days

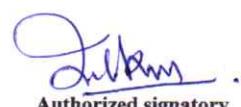
SI No	Parameter	Unit	Test method	Results	Acceptable limit as per IS 10500
<b>Physical Examination</b>					
1	Colour	Hazen	IS 3025 (Part 4)	1	5
2	Electrical conductivity	µS/cm	IS 3025 (Part 14)	94	-
3	Turbidity	NTU	IS 3025 (Part 10)	0.1	1
4	Total Dissolved solids	mg/L	IS 3025 (Part 16)	52	500
<b>Chemical Examination</b>					
5	pH	-	IS 3025 (Part 11)	6.5	6.5-8.5
6	Total Alkalinity	mg/L	IS 3025 (Part 23)	22.56	200
7	Total Hardness as CaCO <sub>3</sub>	mg/L	IS 3025 (Part 21)	23.88	200
8	Calcium	mg/L	IS 3025 (Part 40)	7.97	75
9	Magnesium	mg/L	IS 3025 (Part 46)	0.96	30
10	Chloride	mg/L	IS 3025 (Part 32)	13.23	250
11	Sulphate	mg/L	IS 3025 (Part 24)	0.38	200
12	Iron	mg/L	IS 3025 (Part 53)	BDL	1
13	Ammonia as NH <sub>3</sub>	mg/L	IS 3025 (Part 34)	BDL	0.5
14	Nitrate as NO <sub>3</sub>	mg/L	IS 3025 (Part 34)	BDL	45
<b>Bacteriology</b>					
15	Total Coliform	cfu/100ml	APHA 9222 B	Nil	Nil/100ml
16	Fecal Coliform	cfu/100ml	APHA 9222 D	Nil	Nil/100ml
17	E. coli	cfu/100ml	APHA 9222 I	Absent	Absent

BDL-Below detectable limit: Below detectable limit of Iron and Ammonia are 0.05mg/l, Nitrate is 0.01mg/l.

### Remarks

All tested water quality parameters are found to be within the acceptable limit as per IS 10500 drinking water specification.



  
Authorized signatory

Note: The above results are related to only the particular sample(s) submitted for testing. The report is of the sample tested and shall not be reproduced except in full