



# AES TESTING LABORATORY

(ISO 9001:2015/ISO45001:2018 Certified Laboratory)

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## TEST REPORT

<b>Report No:</b> AESTL/25/10/W/0414	<b>Report Date</b>	20/10/2025
<b>Issued To:</b> M/s. First Steps School No 59, Agrahara Village, BBMP ward No 5, Jakkur Post, Bangalore 560064.	<b>Customer Reference</b>	Verbal
	<b>Date of collection</b>	16/10/2025
	<b>Date of sample receipt</b>	16/10/2025
	<b>Date of Commencement of Analysis</b>	16/10/2025
	<b>Date of Completion of analysis</b>	20/10/2025
<b>Sample Collected By:</b> Customer	<b>Number of pages</b>	1 of 1
	<b>Particular of sample</b>	Borewell Water

### Analytical Result

Sl. NO.	Parameters	Units	Protocol APHA 24 <sup>th</sup> Edition: 2023	Results	Maximum Acceptable Limits	Maximum Permissible Limits
					(As per IS 10500:2012)	
01	Colour	Hazen	APHA2120B	<5.0	5	15
02	Odour	---	APHA 2150 C	Agreeable	Agreeable	Agreeable
03	Turbidity	NTU	APHA 2130 B	<1.0	1	5
04	pH Value	---	APHA 4500 H <sup>+</sup> B	7.24	6.5-8.5	No Relaxation
05	Electrical Conductivity	µs/cm	APHA 2150 B	1196	-----	-----
06	Total Suspended Solids	mg/L	APHA 2540 D	<2.0	-----	-----
07	Total Dissolved Solids	mg/L	APHA 2540 C	749.0	500	2000
08	Total Hardness as CaCO <sub>3</sub>	mg/L	APHA 2340 C	384.0	200	600
09	Calcium as Ca	mg/L	APHA 3500 Ca	98.0	75	200
10	Magnesium as Mg	mg/L	APHA 3500 Mg-B	34.0	30	100
11	Chloride as Cl	mg/L	APHA 4500 Cl	240.0	250	1000
12	Total Alkalinity as CaCO <sub>3</sub>	mg/L	APHA 2320 B	120.0	200	600
13	Sulphate as SO <sub>4</sub>	mg/L	APHA 4500 SO <sub>4</sub> -E	45.0	200	400
14	Nitrate as NO <sub>3</sub>	mg/L	IS: 3025: Part 34 -2019	14.0	45	No Relaxation
15	Fluoride as F	mg/L	APHA 4500 F-D	0.67	1.0	1.5
16	Iron as Fe	mg/L	APHA 3500 Fe	0.1	0.3	No Relaxation
17	Total Coliform /100ml	MPN	IS 1622-1981	<1MPN	Shall Not be Detectable Any 100ml Of Water	
18	E.Coli / 100ml	MPN	IS 1622-1981	<1MPN	Shall Not be Detectable Any 100ml Of Water	

Note: 1. MPN: Most Probable Number.

Remarks: The given water sample meets to maximum permissible limits as per IS 10500:2012(Reaffirmed:2023) for above physical, chemical and microbiological testing.

\*\*\*\*\*End of the Report\*\*\*\*\*

Tested By :



Note : 1. The Result listed pertain only to tested samples and applicable parameters. 2. Samples will be destroyed after 15 days from the date of issue of test certificate unless & otherwise Specified. 3. This Report is not be reproduced either wholly or in part and can not be used an evidence in the count of law and should not any adverting media without prior Written permission. 4. Sampling not done by us, unless specified.