

TEST REPORT

Customer Details: M/s. The Celestia School Sy. No: 573, 446/AA1, 466/AA2, 446/AA3, Ameenpur(V)&(M), Sangareddy(D).		Registration No.:	PSKLL/2025/1806/0012
		Sample Receipt Date:	18.06.2025
		Test Report No:	25/1806/0012
Mobile No	9246503152	Report Issue date:	24.06.2025
Analysis Starting Date:	18.06.2025	Quantity Received:	1.5 Ltrs
Analysis Completion Date:	24.06.2025	Sample condition on Receipt:	Fit for analysis
Sample Particulars:*Drinking water			

Discipline: Chemical & Biological
Group: Water

TEST RESULTS

S. No.	Test Parameter	Units	Test Method	Requirements (IS 10500:2012)		Results
				Acceptable (max)	Permissible (max)	
Chemical Parameters						
1	pH @25°C	--	4500 H ⁺ B, APHA 24 th Edition 2023	6.5 – 8.5	No Relaxation	6.78
2	Color	CU	2120 B, APHA 24 th Edition 2023	5.0	15	<2.0
3	Electrical Conductivity@25°C	uS/cm	2510 B, APHA 24 th Edition 2023	Not specified	Not specified	180
4	Turbidity	NTU	2130 B, APHA 24 th Edition 2023	1	5.0	<0.1
5	Total Dissolved Solids@180°C	mg/L	2540 C, APHA 24 th Edition 2023	500	2000	118
6	Total Hardness as CaCO ₃	mg/L	2340 C, APHA 24 th Edition 2023	200	600	44
7	Calcium as Ca	mg/L	3500- Ca, B APHA 24 th Edition 2023	75	200	11
8	Magnesium as Mg	mg/L	3500 mg, B APHA 24 th Edition 2023	30	100	3.4
9	Total Alkalinity as CaCO ₃	mg/L	2320 B, APHA 24 th Edition 2023	200	600	48
10	Chlorides as Cl	mg/L	4500 Cl ⁻ , B APHA 24 th Edition 2023	250	1000	16
11	Sodium as Na	mg/L	3500 Na B, APHA 24 th Edition 2023	Not specified	Not specified	24
12	Potassium as K	mg/L	3500 K B, APHA 24 th Edition 2023	Not specified	Not specified	<1.0
13	Sulphates as SO ₄	mg/L	4500- SO ₄ ²⁻ E, APHA 24 th Edition 2023	200	400	18
14	Nitrates as NO ₃	mg/L	4500 NO ₃ , APHA 24 th Edition 2023	45	No Relaxation	<1.0
15	Silica as SiO ₂	mg/L	IS 3025 Part 35 : 2024	Not specified	Not specified	<1.0
16	Iron as Fe	mg/L	3500 Fe, B APHA 24 th Edition 2023	1.0	No Relaxation	<0.1
17	Fluoride as F	mg/L	4500 F ⁻ , D APHA 24 th Edition 2023	1.0	1.5	<0.1
Biological Parameters						
1	Heterotrophic Plate Count	CFU/mL	9215 C, APHA 24 th Edition 2023	Not Specified		<10
2	Total Coliforms	Per 100mL	IS 15185: 2016	Shall be Absent/100ml		Absent
3	Escherichia Coli	Per 100 mL	IS 15185: 2016	Shall be Absent/100ml		Absent

- Note: 1) The above results relate only to the sample tested as received.
2) Test report shall not be reproduced except in full without approval of the laboratory.
3) *- Details provided by the customer

Authorized Signatory
(Chemical parameters)
B.Gowthami
Chemical Lab Manager



Authorized Signatory
(Biological parameters)
P Shiva Krishna
Lab Head

*****END OF THE REPORT*****

