

TEST REPORT

Customer Details:		Registration No.:	PSKLL/2025/2605/01
M/s. Samskar School		Sample Receipt Date:	26.05.2025
Sri Sharada Samskar Educational Society		Test Report No:	25/2605/01
Door No 10-25/85, 10-25/5, Plot No-5, Peerazadiguda Village,			
Medipally Mandal, Medchal-Malkajgiri District,			
Hyderabad-500039 Telangana.			
Mobile No	9966755589	Report Issue date:	31.05.2025
Analysis Starting Date:	26.05.2025	Quantity Received:	1.5 Ltrs
Analysis Completion Date:	31.05.2025	Sample condition on Receipt:	Fit for analysis
Sample Particulars: * Ground water (Bore 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	7.60
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	1080
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	670
6	Total Hardness as CaCO ₃	mg/L	2340 C, APHA 24 th Edition 2023	200	600	315
7	Calcium as Ca	mg/L	3500 Ca, B APHA 24 th Edition 2023	75	200	74
8	Magnesium as Mg	mg/L	3500 mg, B APHA 24 th Edition 2023	30	100	32
9	Total Alkalinity as CaCO ₃	mg/L	2320 B, APHA 24 th Edition 2023	200	600	310
10	Chlorides as Cl	mg/L	4500 Cl ⁻ B APHA 24 th Edition 2023	250	1000	110
11	Sodium as Na	mg/L	3500 Na B, APHA 24 th Edition 2023	Not specified	Not specified	103
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	56
14	Nitrates as NO ₃	mg/L	4500 NO ₃ , APHA 24 th Edition 2023	45	No Relaxation	21
15	Silica as SiO ₂	mg/L	IS 3025 Part 35 :2024	Not specified	Not specified	26
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	0.78
Biological Parameters						
1	Heterotrophic Plate Count	CFU/mL	9215 C, APHA 24 th Edition 2023	Not Specified		82
2	Total Coliforms	Per 100 mL	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)
 K. Manideep,
 Technical Manager



Authorized Signatory
 (Biological Parameters)
 P. Shiva Krishna
 Lab Head

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

