



District Water Testing Laboratory
Public Health Engineering Department, Division Ambikapur
Shree Mahaveer Ward No. 20 Bangali Chowk,, Ambikapur, Distt. Surguja (C.G.)
Email:-eeamb-phe-cg@nic.in

Test Report (Drinking Water)

Report No. :- 630	Discipline:- Chemical Testing	Group:- Drinking Water	TC -16638	Temperature:- 29.6°C
			Lab ID : T- 11304	Humidity:- 50%
Costumer Name & Address :- श्री साई बाबा स्कूल सरगवां / अम्बिकापुर जिला- सरगुजा (छ.ग.)	Costumer Letter No./Date	09/07/2026	Sampled by	Costumer
	Sample Collection Date	09/07/2026	Sample Condition	Good, 1 litre at 4 °C
	DL Receipt No.	07/2026-630	DL Receipt Date	09/07/2026
	Date of Analysis Started	09/07/2026	Date of Analysis Completed	13/07/2026

Sample Details

S.N.	Sample I.D.	District / Block	City / Village	Habitation	Location/Source ID/GPS Identification
1.	DL/PHED/AMB-2021	Surguja / Ambikapur	Ambikapur	Sargawan	✓ श्री साई बाबा स्कूल सरगवां / अ०पुर- बोरवेल
2.					
3.					
4.					
5.					

Details of parameters their Test method units and specification as per IS/APHA

S. N.	Parameters	Test method IS:3025/APHA 24th ed.	Unit	As per IS-10500-2012 Drinking Water		Result of S.No.				
		Method		Acceptabl e Limit	Permissibl e Limit	✓ 01	02	03	04	05
(1)	(2)	(3)	(4)	(5)	(6)	-	-	-	-	-
1	Turbidity	APHA edition 24th-2130-Turbidity Method B	NTU	1	5	0.10	-	-	-	-
2	Colour	APHA edition-2120-Colour Method B(Platinum Cobalt Visual Comparison)	HU	5	15	1.00	-	-	-	-
3	Odour	IS:3025(Part 5)		Agree	Agree	Agree	-	-	-	-
4	Taste	IS:3025(Part 8)		Agree	Agree	Agree	-	-	-	-
5	PH @25°	APHA edition 24th-4500-H+Method B	PH scale	6.5-8.5	6.5-8.5	5.64	-	-	-	-
6	Alkalinity as CaCO ₃	APHA edition-2320-Alkalinity Method B(Titration Method)	mg/l.	200	600	28.44	-	-	-	-
7	TDS	APHA edition-2540-TDS Method C(Dried at 180 Degree Celsius)	mg/l.	500	2000	137.00	-	-	-	-
8	Chloride as Cl	APHA edition 24th-4500-Cl Method B(Argentometric Method)	mg/l.	250	1000	44.88	-	-	-	-
9	Total Hardness as Ca CO ₃	APHA edition 24th-2340-Hardness Method C(EDTA method)	mg/l.	200	600	32.25	-	-	-	-
10	Calcium as Ca ⁺⁺	APHA edition 24th-3500-Ca method B(EDTA Method)	mg/l.	75	200	6.45	-	-	-	-
11	Magnesium as Mg ⁺⁺	APHA edition 24th-3500-Mg Method B(By CalHULation)	mg/l.	30	100	3.91	-	-	-	-

Remark:-

1. The report should not be produced partly or full without approval signatory authority of legal purpose.
2. The results refer only to tested samples and parameters as received from the costumer.
3. Samples will be stored for a period of 10 days from date of issue of report.
4. The laboratory is responsible for all this informations given in this report.

**** End Of Report****

Quality Manager
Report Reviewed & Authorised by
Distt. Water Testing Laboratory
PHED, Ambikapur, Surguja (C.G.)

District Water Testing Laboratory
Public Health Engineering Department, Division Ambikapur
Shree Mahaveer Ward No. 20 Bangali Chowk,, Ambikapur, Distt. Surguja(C.G.)
Email:-eeamb-phe-cg@nic.in

Test Report (Drinking Water)				
Report No. :- 630	Discipline:- Chemical Testing	Group:- Drinking Water	TC -16638	Temperature:- 29.6°C
			Lab ID : T- 11304	Humidity:- 50%
Costumer Name & Address :- श्री साई बाबा स्कूल सरगवां/अम्बिकापुर जिला- सरगुजा(छोगो)	Costumer Letter No./Date	09/07/2026	Sampled by	Costumer
	Sample Collection Date	09/07/2026	Sample Condition	Good, 1 litre at 4 °C
	DL Receipt No.	07/2026-630	DL Receipt Date	09/07/2026
	Date of Analysis Started	09/07/2026	Date of Analysis Completed	13/07/2026

Sample Details					
S.N.	Sample I.D.	District / Block	City / Village	Habitation	Location/Source ID/GPS Identification
1.	DL/PHED/AMB-2021	Surguja /Ambikapur	Ambikapur	Sargawan	श्री साई बाबा स्कूल सरगवां/अ०पुर- बोरवेल
2.					
3.					
4.					
5.					

Details of parameters their Test method units and specification as per IS/APHA

S. N.	Parameters	Test method IS:3025/APHA 24th ed.		Unit	As per IS-10500-2012 Drinking Water		Result of S.No.				
		Method	Part No.		Acceptabl e Limit	Permissibl e Limit	1	2	3	4	5
(1)	(2)	(3)	(4)	(5)	(6)	(7)					
1	Spe. Conductivity @25 °C	IS:3025	Part-14	µS/cm	-	-	214.00				
2	Nitrate as NO ₃	APHA 24th ed.	Part -2120B	Mg/l	45	45	N.D.				
3	Iron as Fe ⁺⁺	APHA 24th ed.	Part -05	Mg/l	0.1	1.0	N.D.				
4	Fluoride as F	APHA 24th ed.	Part- 7/8	Mg/l	1.0	1.5	0.10				
5	Residual Chlorine	-	-	Mg/l	0.2	1.0	N.D.				
6	Sulphate(as SO ₄)	-	-	Mg/l	200	400	2.50				
7	Bacteriological	H ₂ S(Vials Kits Analy.)	(24 hrs/48 hrs)	24 Hrs	-	-	Absent				
				48 Hrs	-	-	Absent				

Remark:-

1. The report should not be produced partly or full without approval signatory authority of legal purpose.
2. The results refer only to tested samples and parameters as received from the costumer.
3. Samples will be stored for a period of 10 days from date of issue of report.
4. The laboratory is responsible for all this informations given in this report.

**** End Of Report****

[Signature]
Chemist/Lab Incharge
District Water Testing Laboratory
P.H.E.D. Ambikapur Distt-Surguja(C.G.)
Water Testing Laboratory
P.H.E. Sub Division
Ambikapur