



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. :- 649	Discipline:- Chemical Testing	Group:- Drinking Water	TC -16638	Temperature:- 29.6°C
			Lab ID : T- 11304	Humidity:- 50%
Customer Name & Address :- पीएम श्री केन्द्रीय विद्यालय अम्बिकापुर, अजिरमा,पो0-राघवपुरी जिला- सरगुजा(छ0ग0)	Customer Letter No./Date	104/31/07/2026	Sampled by	School Staff
	Sample Collection Date	31/07/2026	Sample Condition	Good, 1 litre at 4 °C
	DL Receipt No.	07/2026-649	DL Receipt Date	31/07/2026
	Date of Analysis Started	31/07/2026	Date of Analysis Completed	03/08/2026

Sample Details

S.N.	Sample I.D.	District / Block	City / Village	Habitation	Details of Source Location
1	DL/PHED/AMB-2069	Surguja/Ambikapur	Ambikapur	Ajirma/Raghawpuri	✓ पीएम श्री के0वि0 अ0पुर / Borewell Water
2					
3					
4					

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	3.10	-	-	-	-
2	Colour	APHA edition-2120-Colour Method B(Platinum Cobalt Visual Comparison)	HU	5	15	2.00	-	-	-	-
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	5.23	-	-	-	-
6	Alkalinity as CaCO ₃	APHA edition-2320-Alkalinity Method B(Titration Method)	mg/L	200	600	36.00	-	-	-	-
7	TDS	APHA edition-2540-TDS Method C(Dried at 180 Degree Celsius)	mg/L	500	2000	77.00	-	-	-	-
8	Chloride as Cl	APHA edition 24th-4500-Cl Method B(Argentometric Method)	mg/L	250	1000	34.00	-	-	-	-
9	Total Hardness as Ca CO ₃	APHA edition 24th-2340-Hardness Method C(EDTA method)	mg/L	200	600	36.00	-	-	-	-
10	Calcium as Ca++	APHA edition 24th-3500-Ca method B(EDTA Method)	mg/L	75	200	10.40	-	-	-	-
11	Magnesium as Mg++	APHA edition 24th-3500-Mg Method B(By CalHUIlation)	mg/L	30	100	2.43	-	-	-	-

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****

K/Kabala
Quality Manager
District Water Testing Laboratory
PHED, Ambikapur, Surguja (C.G.)