

## **District Water Testing Laboratory**

Public Health Engineering Department, Division Ambikapur Near Marine Drive Talab, Ambikapur,Distt. Surguja(C.G.) Email:-eeamb-phe-cg@nic.in

Report N	Test Report (Drinking Water)						
Report No. :- 388	Discipline:- Chemical Testing	Group:- Drinking Water	TC -11141	Temperature:- 25 °C			
Senders Name & Address :- DAV Public School Sanibarra, Udaipur, Dist. Surguja(C.G.)		A State State	Lab ID : T- 7558	Humidity:- 52%			
	Senders Letter No./Date	07/03/2024	Sampled by	School Staff			
	Sample Collection Date	07/03/2024	Sampling Plan & Procedure	Note done by lab staf			
	DL Receipt No.	03/24-388	DL Receipt Date	07/03/2024			
	Date of Analysis Started	07/03/2024	Date of Analysis Completed	11/03/2024			
SN /		Sample Details	18 10 18 18 18 18 18 18 18 18 18 18 18 18 18	Arthur Sam			

S.N. Sample I.D.	District / Block	City / Village	Habitation	Location/Source ID/GPS Identification
DL/PHED/AMB-305	Surguja/Udaipur	Udaipur	Sanibarra	DAV School Sanibarra/ Borewell Water
3				
4				
5			A State State of the	
		1.219	7 775.7	

S. N.		Test method IS:3025/APHA 23rd ed.	Unit	As per IS-10500-2012 Drinking Wåter		Result of S.No.					
	Parameters	Method		Acceptabl e Limit	Permissibl e Limit	01	02	03	04	05	
(1)	(2)	(3)	(4)	(5)	(6)					1.02	
	Turbidity	APHA23rd edition-2130-Turbidity Method B	NTU	1	5	5.00		-	-	-	
2	Colour	APHA23rd edition-2120-Colour Method B(Platinum Cobalt Visual Comparison)	CU	5	15	3.00		-	-		
3	Odour	Method         (3)         APHA23rd edition-2130-Turbidity         Method B         APHA23rd edition-2120-Colour         Method B         APHA23rd edition-2120-Colour         Method B(Platinum Cobalt Visual         Comparison)         IS:3025(Part 5)         IS:3025(Part 8)         APHA23rd edition-4500-H+Method         APHA 23rd edition-2320-Alkalinity         Method B(Titration Method)         APHA 23rd edition-2540-TDS Method         C(Dried at 180 Degree Celsius)         APHA23rd edition-4500-Cl Method         B(Argentumetric Method)         C0 <sub>3</sub> APHA23rd edition-2340-Hardness         Method C(EDTA method)       APHA23rd edition-3500-Ca method         B(EDTA Method)       APHA23rd edition-3500-Ca method		Agree		1	1	Sala -		1	
4	Taste	IS:3025(Part 8)			Agree	Agree		-	-	-	
5	PH @25°		DU .	Agree	Agree	Agree			-	-	
6	Alkalinity as CaCO3	APHA 23rd edition-2320-Alkalinity	PH scale mg/l.	6.5-8.5 200	6.5-8.5 600	6.50 42.26		-	-	-	
7	TDS	APHA 23rd edition-2540-TDS Method	mg/l.	500	2000	66.00			-		
8 	Chloride as Cl	APHA23rd edition-4500-Cl Method	mg/l.	250	1000	10.00		-	-	+	
	Total Hardness as Ca CO3	APHA23rd edition-2130-Turbidity Method B APHA23rd edition-2120-Colour Method B(Platinum Cobalt Visual Comparison) IS:3025(Part 5) IS:3025(Part 5) IS:3025(Part 8) APHA23rd edition-4500-H+Method B APHA 23rd edition-2320-Alkalinity Method B(Titration Method) APHA 23rd edition-2540-TDS Method C(Dried at 180 Degree Celsius) APHA23rd edition-4500-Cl Method B(Argentometric Method) APHA23rd edition-2340-Hardness Method C(EDTA method) APHA23rd edition-3500-Ca method	mg/l.	200	600	20.90		-	12-1	-	
10	Calcium as Ca++	APHA23rd edition-3500-Ca mothed	mg/l.	75	200	3.04		-			
11	Magnesium as Mg++	APHA23rd edition-3500-Mg Mother	mg/l.	30	100	3.23					

1. The report should not be produced partly or full without approval signatory authority of legal purpose.

2. It is recommended that acceptable limit is to be implemented. Values in excess of those mentioned under "acceptable" render

the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under the "permissible" limit in the absence of alternate source in column 7 above which the sources will have to be rejected.

3. The results refer only to tested samples and parameters.

4. Samples will be stored for a period of 10 days from date of issue of report. 5. This Lab does not hold any responsibility for variation in results for samples kept on hold for wants of clarification.

End Of Report

KSenta ager Dismot Waldrakhold & Arthodratopy PHED, Ambikapur, Surgujar (0:0.9 G.)

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## District Water Testing Laboratory

## Public Health Engineering Department, Division Ambikapur Near Marine Drive Talab, Ambikapur, Distt. Surguja (C.G.)

## Email:-eeamb-phe-cg@nic.in

	Te	st Repo	rt (Drinking Water)			
Discipline:- Chemical Testing		Group:- Drinking Water		TC -11141	Temperature:- 25 °C	
Sand			2007	Lab ID : T- 7558	Humidity:- 52%	
Senders Letter No./Date Sample Collection Date DL Receipt No. Date of Analysis Started		07/03/2024 07/03/2024 03/24-388 07/03/2024		Sampled by	School Staff Note done by lab staff 07/03/2024	
				Sampling Plan & Procedure		
				DL Receipt Date		
				Date of Analysis Completed	11/03/2024	
District	Sample Details					
Surguja/Udaipur			Habitation	Location/Source ID/GPS Identification DAV School Sanibarra/ Borewell Wate		
	Udaipur		Sanibarra			
					and Deletten Water	
- With		0.10		N		
	Sample Collection Da DL Receipt No. Date of Analysis Star District / Block	Discipline:- Chemical Testing Senders Letter No./Date Sample Collection Date DL Receipt No. Date of Analysis Started District / Block City /	Discipline:- Chemical Testing Group:- Senders Letter No./Date Group:- Sample Collection Date DL Receipt No. Date of Analysis Started Sam District / Block City / Village	Sample Collection Date     07/03/2024       Sample Collection Date     07/03/2024       DL Receipt No.     03/24-388       Date of Analysis Started     07/03/2024       Sample Details       District / Block     City / Village       Habitation	Discipline:- Chemical Testing     Group:- Drinking Water     TC -11141       Senders Letter No./Date     07/03/2024     Sampled by       Sample Collection Date     07/03/2024     Sampling Plan & Procedure       DL Receipt No.     03/24-388     DL Receipt Date       Date of Analysis Started     07/03/2024     Date of Analysis Completed       District / Block     City / Village     Habitation     Location/Source	

S. N.	Test me IS:3025/APH/		their Test method units and s thod A 23rd ed.		As per IS-	10500-2012 g Water	РНА				
	Parameters	Method	Part No.	Unit	Brinkin	y water	Result of S.No.				
					Acceptabl e	Permissibl e					
1	(2) Spe.	(3)	(4)	(5)	Limit	Limit		2	3	4	11
- B		IS:3025	Part-14	(5)	(6)	(7)		14	1201		-
2	Conductivity @25 °C		1 411-14	μS/cm	11. · · ·		103.00	and the second	1.1.1.1.1.1.1		-
3	Nitrate as NO <sub>3</sub>	APHA 23rd ed.	Part -2120B				No.				
	Iron as Fe <sup>**</sup>	APHA 23rd ed.		Mg/l	45	45	N.D.		1		-
4	Fluoride as F	APHA 23rd ed.	Part -05	Mg/l	0.1	1.0	0.25	ALL MAN	1		-
5	Residual Chlorine		Part- 7/8	Mg/l	1.0	1.5	0.16	and in the		-	-
6	Sulphate(as SO4)		-	Mg/l	0.2	1.0	N.D.		188103		
7	Bacteriological		-	Mg/l	200	400					
		H <sub>2</sub> S(Vials Kits Analy.)	(24 hrs/48 hrs)	24 Hrs	1	400	3.68		(Tie)	6136	1
1.19	1			48 Hrs	Line .		Absent	141	11 12 61	12.20	T
	Remark'-			10 1115		a state of	Absent		1988		+

Remark:-

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\*\*\*\* End Of Report\*\*\*\*

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