कार्यालय कार्यपालन अभियंता लोक स्वास्थ्य यांत्रिकी खण्ड सुकमा

जिला सुकमा (छत्तीसगढ़)

PHONE NO 076428041 Email ID–eekm-phe-cg@nic.in

क्रमांक 1723 जि.प्र.शा. / का.अ. / लो.स्वा.यां.खण्ड / 2026 सुकमा / दिनांक...03/08/2026

प्रति,

प्राचार्य,
केन्द्रीय विद्यालय सुकमा
जिला–सुकमा (छ.ग.)

विषयः– पेयजल नमूनों के परीक्षण रिपोर्ट प्रस्तुत करने बाबत्।

उपरोक्त विषयांतर्गत आपके आदेशानुसार केन्द्रीय विद्यालय सुकमा के पेयजल नमूने हमारे विभाग द्वारा संग्रहित किए गए थे। उक्त जल नमूनों का परीक्षण कर रिपोर्ट इस पत्र के साथ संलग्न कर आपकी ओर प्रेषित हैं।

सहपत्रः– 04 जल नमूने का परीक्षण प्रतिवेदन।

कार्यपालन अभियंता
लोक स्वास्थ्य यांत्रिकी खण्ड
सुकमा (छ.ग)

TC-16120

District Water Testing Laboratory
Public Health Engineering Division Sukma (C.G.)
Shabri Nagar ,Filter Plant ,PHE Office Campus, Sukma

CONTACT NO.- 7828339293, लेनन्. 07864 & 284041 ई–मेल: eeskm-phe-cg@nic.in

Test Report (Drinking Water)

Report no. DL/PHED/SKM. – 8C	**ULR No. TC 161202600000635F**	**Group-: Drinking Water**		**Sample condition - ok**	
Senders name & address-: Dilleep Mandavi & PHED Sub Division Sukma District - Sukma	**Senders letter no./Date : 15-07-2026**	**Sample Quality**	**Good**	**Sampled by**	**Manesh Kumar**
	Sample collection date -15/07/2026	**No. of Sample**	**04**	**Sampling Plan & procedure**	**Sampling not done by Lab staff**
	DL receipt no. - 157			**DL Receipt date**	**16/07/2026**
	Date of analysis started -16/07/2026			**Date of analysis completed**	**17/07/2026**

S.N.	Sample I.D.	District /Block	City / Village	Habitation	Location/Source ID./GPS Identification
1	635	Sukma	Sukma	केन्द्रीय विद्यालय सुकमा (भू–तल)	Water Cooler
2	636	Sukma	Sukma	केन्द्रीय विद्यालय सुकमा (प्रथम तल)	Water Cooler
3	637	Sukma	Sukma	केन्द्रीय विद्यालय सुकमा (दितीय तल)	Water Cooler
4	638	Sukma	Sukma	केन्द्रीय विद्यालय सुकमा (प्रथम तल)	Tap Water

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

S.N.	Parameters	Test method IS:3025/APHA 23rd ed.		Unit	As per IS-10500-2012 drinking water		Result Of S.No.					
		Method	Part no.		Acceptable Limit	Permissible Limit	1	2	3	4	5	6
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Turbidity (25^0C)	IS:3025	Part- 10	NTU	1	5	0.83	0.78	1.05	2.12		
2	pH (25^0C)	IS:3025	Part- 11	PH scale	6.5-8.5	No Relaxation	6.98	6.90	7.01	7.12		
3	Alkalinity as $CaCO_3$	IS:3025	Part- 23	mg/l.	200	600	90.50	82.00	112.0	186.0		
4	Chloride as CL	IS:3025	Part- 32	mg/l.	250	1000	22.80	20.90	20.76	27.55		
5	Total Hardness as $CaCO_3$	IS:3025	Part- 21	mg/l.	200	600	69.20	92.75	120.0	188.0		
6	Calcium as Ca^2+	APHA23rd ed.	Part 3500-Ca-B	mg/l.	75	200	24.84	21.68	31.26	49.60		
7	Magnesium as Mg^2+	APHA23rd ed.	Part 3500-Mg-B	mg/l.	30	100	8.28	9.36	10.17	15.55		
8	Colour	APHA23rd ed.	Part- 2120-C-B	Hazen	05	15	02	02	02	02		
9	Taste	IS:3025	Part- 08	-	Agreeable	Agreeable	Agr.	Agr.	Agr.	Agr.		
10	Odour	IS:3025	Part- 05	-	Agreeable	Agreeable	Agr.	Agr.	Agr.	Agr.		
11	TDS(Total Dissolved Solid at 180°C+2°C)	IS:3025	Part- 16	mg/l.	500	2000	178	164	183	208		

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.
6. The Laboratory does not give interpretation on Test result Passed / Failed.
7. Sampling Not done by Lab

Prepared & Checked by
(Maheshwari Nag)
Chemist
D.W.T. Lab Sukma (C.G.)

(Sodi Mangadu)
Authorized Signatory
Quality Manager (NABL)

---------- End Of The Report ----------

District Water Testing Laboratory
Public Health Engineering Division Sukma (C.G.)
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Sample Details

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		method	Part no.		Acceptable Limit	Permissible Limit	1	2	3	4	5	6
1	2	3	4	5	6	7						
12	Iron	IS:3025	Part-3500-Fe-B	mg/l	0.3	1.0	0.0	0.0	0.0	0.0		
13	Fluorite	IS:3025	Part-4500-F-C	mg/l	1.0	1.5	0.04	0.05	0.04	0.06		

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

S.N.	Parameters	Test method IS:3025/APHA 23rd ed.		As per IS-10500-2012 drinking water		Result Of S.No.					
		Method	Unit			1	2	3	4	5	6
				Acceptable Limit	Permissible Limit						
1	2	3	5	6	7						
1	E.Coli	APHA / IS	Cfu/100ml.	Nil	Nil	Nil	Nil	Nil	Yes		

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(Maheshwari Nag)
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