



TC -12708

**District Water Testing Laboratory**  
**Public Health Engineering Department, Div. Mahasamund**  
 Near collector office, Behind RTO office, BTI road, Mahasamund (C.G.) Pin Code- 493445  
 Phone – 07723-299140 Email ID - eemah-phe-cg @gov .in

**ISO /IEC 17025 -2017 (NABL Accredited Laboratory)**

Test Report (Drinking Water)				
Report no. DL/PHED/MAH – 299	Discipline:- Chemical Testing	Group:-Drinking water	ULR No :- TC12708000000299F	
Senders name & address:-  Principal Weidner Memorial Hr. Sec. School Mahasamund	Senders letter no./Date	-/15/09/25	Sampled by	Customer
	DL receipt no.	299	Sampling Plan & procedure	Sampling not done by Lab staff
	Date of analysis started	15/09/25	DL Receipt date	15/09/25
			Date of analysis completed	15/09/25
Sample Details				
S. N.	Sample ID	Block	City / Village	Habitation/Location/Source
1	299/09/25/2045	-	-	Weidner Memorial Hr. Sec. School Mahasamund – Bore

**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 (Second Revision) 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	1	2	3	4	5	6
1	Chloride as Cl <sup>-</sup>	APHA :2024	4500-Cl-B	mg/L	250	1000	102.72	-	-	-	-	-
2	Total Dissolved solids	APHA : 2024	2540-C	mg/L	500	2000	200	-	-	-	-	-
3	Alkalinity as CaCO <sub>3</sub>	APHA : 2024	2320-B	mg/L	200	600	66.99	-	-	-	-	-
4	Calcium as Ca <sup>2+</sup>	APHA : 2024	3500-Ca-B	mg/L	75	200	30.45	-	-	-	-	-
5	Magnesium as Mg <sup>2+</sup>	APHA : 2024	3500 Mg-B	mg/L	30	100	11.21	-	-	-	-	-
6	pH	IS:3025 :2022	Part-11	pH scale	6.5-8.5	No relaxation	6.61	-	-	-	-	-
7	Turbidity	IS:3025 :2023	Part-10	NTU	1	5	2.4	-	-	-	-	-
8	Total Hardness as CaCO <sub>3</sub>	APHA : 2024	2340-C	mg/L	200	600	134.61	-	-	-	-	-
9	Taste	IS:3025 :2023	Part-8	-	Agreeable	Agreeable	-	-	-	-	-	-
10	Odour	IS:3025 :2018	Part-5	-	Agreeable	Agreeable	Agr.	-	-	-	-	-
11	Color	APHA : 2024	2120-B	Hazen	5	15	6	-	-	-	-	-

- The report should not be produced partly or full without approval signatory authority of legal purpose. .
- The results refer only to tested samples and parameters.
- Samples will be stored for a period of 10 days from date of issue of report.
- This Lab does not hold any responsibility for variation in results for samples kept on hold for wants of clarification.
- Agreeable is denoted by Agr.

**Note - 1. Results apply to the sample as received.**  
**2.The Laboratory does not give interpretation on Test result Passed/ Failed.**

Report Reviewed & approved by

  
 (Ajay Kumar Prajapati)  
 Authorized Signatory

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## District Water Testing Laboratory Public Health Engineering Department, Div. Mahasamund

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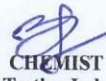
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		DL receipt no.		299
		Date of analysis started		15/09/25
		Date of analysis completed		16/09/25
Sampled by		Customer		
Sampling Plan & procedure		Sampling not done by Lab staff		
Sample Details				
S.N	Sample ID	Block	City / Village	Habitation/Location/Source
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1	2	3	4	5	6	7	1	2	3	4	5	6
12	Fluoride as F <sup>-</sup>	APHA :2024	4500-F-C	mg/l.	1	1.5	-	-	-	-	-	-
13	Residual Chlorine	-	-	mg/l.	0.2	1	0.0	-	-	-	-	-
14	Sulphate as SO <sub>4</sub> <sup>2-</sup>	IS:3025	Part- 24	mg/l.	200	400	26.9	-	-	-	-	-
15	Nitrate as NO <sub>3</sub>	APHA :2024	4500-NO <sub>3</sub> -B	mg/l.	45	45	29.67	-	-	-	-	-
16	Iron as Fe	APHA :2024	3500-Fe-B	mg/l.	1.0	1.0	0.356	-	-	-	-	-
17	E.coli	APHA :2024	9222-J	CFU/100 ml	Nil	Nil	Nil	-	-	-	-	-

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**CHEMIST**  
 Water Testing Laboratory  
 P.H.E Sub Div. Mahasamund (C.G)