



District Water Testing Laboratory
Public Health Engineering Department, Div. Mahasamund
 Near collector office, Behind RTO office, BTI road, Mahasamund (C.G.) Pin Code- 493445
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ISO /IEC 17025 -2017 (NABL Accredited Laboratory)

Test Report (Drinking Water)

Report no. DL/PHED/MAH – 115	Discipline:- Chemical Testing	Group:-Drinking water	U/LR No :- TC120708000000115F	
Senders name & add. Principal K.P. International School Chattigirola (Saraipali)	Senders letter no./Date	-/21/05/24	Sampled by	Customer
	DL receipt no.	115	Sampling Plan & procedure	Sampling not done by Lab staff
	Date of analysis started	21/05/24	DL Receipt date	21/05/24
			Date of analysis completed	21/05/24

Sample Details

S. N.	Sample ID	Block	City / Village	Habitation/Location/Source
1	115/5/24/1146	Saraipali	-	K.P. International School, Chattigirola (Saraipali) – Tap No. 01
2	115/5/24/1147	Saraipali	-	K.P. International School, Chattigirola (Saraipali)- Tap No. 02

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	Chloride as Cl	APHA :2023	4500-Cl-B	mg/L	250	1000	52.72	49.68	-	-	-	-
2	Total Dissolved solids	APHA : 2023	2540-C	mg/L	500	2000	225	200	-	-	-	-
3	Alkalinity as CaCO3	APHA : 2023	2320-B	mg/L	200	600	56.00	50	-	-	-	-
4	Calcium as Ca ²⁺	APHA : 2023	3500-Ca-B	mg/L	75	200	30.82	24.66	-	-	-	-
5	Magnesium as Mg ²⁺	APHA : 2023	3500 Mg-B	mg/L	30	100	17.28	14.95	-	-	-	-
6	pH	IS:3025 :2022	Part-11	pH scale	6.5-8.5	No relaxation	6.52	6.57	-	-	-	-
7	Turbidity	IS:3025 :2023	Part-10	NTU	1	5	3.41	3.66	-	-	-	-
8	Total Hardness as CaCO3	APHA : 2023	2340-C	mg/L	200	600	148.07	123.07	-	-	-	-
9	Taste	IS:3025 :2023	Part-8	-	Agreeable	Agreeable	-	-	-	-	-	-
10	Odour	IS:3025 :2018	Part-5	-	Agreeable	Agreeable	Agr.	Agr.	-	-	-	-
11	Color	APHA : 2023	2120-B	Hazen	5	15	5	5	-	-	-	-

- 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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