



District Water Testing Laboratory

Public Health Engineering Department,
PHE. Central Store Campus, behind Civil Police Station, Bilaspur (C.G.)
Contact as email – bspghedlab@gmail.com

Test Report

Discipline- Chemical Testing	Group- Drinking water	Report no. – 01	ULR NO. :- TC95062100000001F	
Senders name & address:- Dr. Sv john principal , jain international school	Senders letter no./Date	01.06.2021	Sampled by	School staff
	DL receipt no.	01	DL Reciept date	01.06.2021
	Date of analysis started	01.06.2021	Date of analysis completed	03.06.2021

Sample Details:-

Sr.no.	Sample I.D.	District /Block	City / Village	Location/source no./GPS identification
1	06/21/01/01	Thakhatpur	Sakari	Jain International School
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-

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		1	2	3	4	5
		Method	Part no.		Desira ble Limit	Permis sible LLimit					
1	2	3	4	5	6	7		-	-	-	-
1	Turbidity	IS:3025	Part-10	NTU	1	5	0.58	-	-	-	-
2	Color	APHA23rd ed	Part-2120B	CU	5	15	2.0	-	-	-	-
3	Odour	IS:3025	Part-05		Agreeable	Agreeable	Agreeable	-	-	-	-
4	Taste	IS:3025	Part-7/8		Agreeable	Agreeable	Agreeable	-	-	-	-
5	PH @ 25°C	IS:3025	Part-11	PH scale	6.5-8.5	6.5-8.5	7.245	-	-	-	-
6	Total Alkalinity as CaCO ₃	APHA23rd ed	Part-2320 B	mg/l.	200	600	155.22	-	-	-	-
7	TDS	APHA23rd ed	Part-3540-C	mg/l.	500	2000	302.0	-	-	-	-
8	Chloride as Cl ⁻	APHA23rd ed	Part- 4500-Cl-B	mg/l.	250	1000	38.56	-	-	-	-
9	Total Hardness as CaCO ₃	APHA23rd ed	Part-2340-C	mg/l.	200	600	158.4	-	-	-	-
10	Calcium as Ca ⁺⁺	APHA23rd ed	Part-3500-Ca-B	mg/l.	75	200	39.20	-	-	-	-
11	Magnesium as Mg ⁺⁺	APHA23rd ed.	3500-Mg-B	mg/l.	30	100	14.17	-	-	-	-

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



Chemist

District Water Testing Laboratory
PHED Bilaspur (C.G.)

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