



District Water Testing Laboratory

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



Har Ghar Jal
Jal Jeevan Mission

Test Report

Discipline- Chemical Testing	Group- Drinking water	Report no. – 3097		
Senders name & address -: Principal Holy Cross Senior Secondary School Lalkhadan Bilaspur (C.G.)	Senders letter no./Date	673/05.06.2023	Sampled by	School Staff
	DL receipt no.	3097	DL Reciept date	05.06.2023
	Date of analysis started	05.06.2023	Date of analysis completed	07.06.2023

Sample Details:-

Sr.no.	Sample I.D.	District /Block	City / Village	Location/source no./GPS identification
1	06/23/3097/7842	Bilaspur/Bilha	Bilaspur	Holy Cross Senior Secondary School Lalkhadan
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 Limit					
1	2	3	4	5	6	7	-	-	-	-	-
1	Turbidity	IS:3025	Part-10	NTU	1	5	1.20	-	-	-	-
2	Color	APHA23rd ed	Part-2120B	CU	5	15	5.00	-	-	-	-
3	Odour	IS:3025	Part-05		Agr	Agr	Agreeable	-	-	-	-
4	Taste	IS:3025	Part-7/8		Agr	Agr	-	-	-	-	-
5	PH @ 25°C	IS:3025	Part-11	PH scale	6.5-8.5	6.5-8.5	7.18	-	-	-	-
6	Total Alkalinity as CaCO ₃	APHA23rd ed	Part-2320 B	mg/l.	200	600	445.28	-	-	-	-
7	TDS	APHA23rd ed	Part-3540-C	mg/l.	500	2000	970	-	-	-	-
8	Chloride as Cl ⁻	APHA23rd ed	Part- 4500-Cl- B	mg/l.	250	1000	226.09	-	-	-	-
9	Total Hardness as CaCO ₃	APHA23rd ed	Part-2340-C	mg/l.	200	600	574.28	-	-	-	-
10	Calcium as Ca ⁺⁺	APHA23rd ed	Part-3500-Ca- B	mg/l.	75	200	117.84	-	-	-	-
11	Magnesium as Mg ⁺⁺	APHA23rd ed.	3500-Mg-B	mg/l.	30	100	67.27	-	-	-	-

- 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.

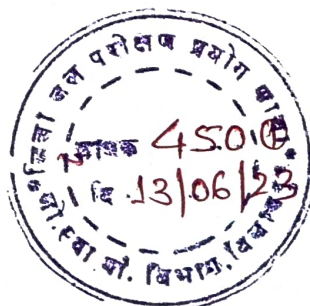
***** End of Report *****

Report Received & Approved By

(Ashish Dongre)

Chemist, DWTL PHED Bilaspur (C.G.)

Issue no. 3097.. Page no.01/02



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

Kind of sample- Drinking water sample	Group- Drinking water	Report No.- 3097
Senders name & address :- Principal Holy Cross Senior Secondary School Lalkhadan Bilaspur (C.G.)	Senders letter no./Date	673/05.06.2023
	DL receipt no.	3097
	Date of analysis started	05.06.2023
	Sampled by	School Staff
	DL Reciept date	05.06.2023
	Date of analysis completed	07.06.2023

Sample Details:-

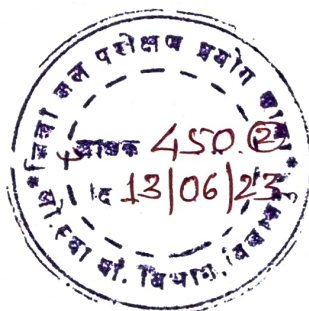
Sr.no	Sample I.D.	District /Block	City / Village	Location/source no./GPS identification
1	06/23/3097/7842	Bilaspur/Bilha	Bilaspur	Holy Cross Senior Secondary School Lalkhadan
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-

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(second-revision) drinking water		1	2	3	4	5
		Method	Part no.		Desira ble Limit	Permis sible Limit					
1	2	3	4	5	6	7	-	-	-	-	-
1	Spe. Conductivity @ 25 °C	IS:3025	Part-14	μS/cm	-	-	1590.16	-	-	-	-
2	Nitrate as NO ₃	APHA23rd ed	Part-2120B	Mg/l	45	45	-	-	-	-	-
3	Iron as Fe ⁺⁺	APHA23rd ed	Part-05	Mg/l	0.1	0.3	0.30	-	-	-	-
4	Fluoride as F ⁻	APHA23rd ed	Part-7/8	Mg/l	1.0	1.5	0.400	-	-	-	-
5	Residual Chorine	-	-	Mg/l	0.2	Nil	Nil	-	-	-	-
6	Fecal Coliform	H ₂ S (24 hrs/48 hrs)	(24 hrs/48 hrs)	-	Nil Nil	Nil Nil	Nil Nil	-	-	-	-
7	Sulphate	Iso.3025	Part-24	Mg/l	200	400	-	-	-	-	-

- 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

***** End of Report *****



Issue no. 3097... Page no.01/01


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