



# 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](mailto:bspshedlab@gmail.com)

TC-9506

## Test Report

Discipline- Chemical Testing	Group- Drinking water	Report no. – 1767	ULR NO. :- TC9506220000001767F	
Senders name & address :- Chandraraj Singh Chouhan ,Achivers Public School Gatauri Bilaspur ( C.G.)	Senders letter no./Date	23.11.2022	Sampled by	School Staff
	DL receipt no.	1767	DL Receipt date	23.11.2022
	Date of analysis started	23.11.2022	Date of analysis completed	25.11.2022

### Sample Details:-

Sr.no.	Sample I.D.	District /Block	City / Village	Location/source no./GPS identification
1	11/22/1767/4827	Bilaspur/Bilha	Gatauri	Achivers Public School,Gatauri T. W. No.-03
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						
		Method	Part no.		Desirable Limit	Permissible Limit	1	2	3	4	5
1	2	3	4	5	6	7	-	-	-	-	-
1	Turbidity	IS:3025	Part-10	NTU	1	5	0.92	-	-	-	-
2	Color	APHA23rd ed	Part-2120B	CU	5	15	2.00	-	-	-	-
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	7.40	-	-	-	-
6	Total Alkalinity as CaCO <sub>3</sub>	APHA23rd ed	Part-2320 B	mg/l.	200	600	273.28	-	-	-	-
7	TDS	APHA23rd ed	Part-3540-C	mg/l.	500	2000	399	-	-	-	-
8	Chloride as Cl <sup>-</sup>	APHA23rd ed	Part- 4500-Cl-B	mg/l.	250	1000	35.82	-	-	-	-
9	Total Hardness as CaCO <sub>3</sub>	APHA23rd ed	Part-2340-C	mg/l.	200	600	315.56	-	-	-	-
10	Calcium as Ca <sup>++</sup>	APHA23rd ed	Part-3500-Ca-B	mg/l.	75	200	75.42	-	-	-	-
11	Magnesium as Mg <sup>++</sup>	APHA23rd ed.	3500-Mg-B	mg/l.	30	100	30.58	-	-	-	-

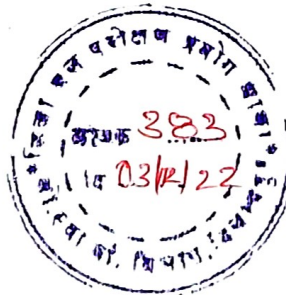
- The report should not be produced partly or full without approval signatory authority of legal purpose.
  - It is recommended that acceptable limit is to be implemented. Values in excess of those mentioned under "acceptable" render the water not suitable, but still may be tolerated in the absence of 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 Reviewed & Approved By

  
(Ashish Dongre)  
Authorised Signatory (NABL)

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PHE. Central Store Campus, behind Civil Police Station, Bilaspur (C.G.)  
Contact as email – [bspghedlab@gmail.com](mailto:bspghedlab@gmail.com)

## Test Report

Kind of sample- Drinking water sample	Group- Drinking water	Report No.- DW1767	
Senders name & address :- Chandra Raj Singh Chouhan, Achivers Public School Gatauri Bilaspur (C.G.)	Senders letter no./Date	23.11.2022	Sampled by School Staff
	DL receipt no.	1767	DL Receipt date 23.11.2022
	Date of analysis started	23.11.2022	Date of analysis completed 25.11.2022


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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						
		Method	Part no.		Desira ble Limit	Permis sible LLimit	1	2	3	4	5
1	2	3	4	5	6	7	-	-	-	-	-
1	Spe. Conductivity @ 25 °C	IS:3025	Part-14	µS/cm	-	-	643.00	-	-	-	-
2	Nitrate as NO <sub>3</sub>	APHA23rd ed	Part-2120B	Mg/l	45	45	-	-	-	-	-
3	Iron as Fe <sup>++</sup>	APHA23rd ed	Part-05	Mg/l	0.1	0.3	0.20	-	-	-	-
4	Fluoride as F <sup>-</sup>	APHA23rd ed	Part-7/8	Mg/l	1.0	1.5	0.380	-	-	-	-
5	Residual Chorine	-	-	Mg/l	0.2	1.0	Nil	-	-	-	-
6	Fecal Coliform	H <sub>2</sub> S (24 hrs/48 hrs)	(24 hrs/48 hrs)	-	Nil Nil	Nil Nil	Nil Nil	-	-	-	-

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- \*\*\*\*\* End of Report \*\*\*\*\*

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

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