



# 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](mailto:bspghedlab@gmail.com)

## Test Report

Discipline- Chemical Testing	Group- Drinking water	Report no. -1182	ULR NO. :- TC9506220000001182F	
Senders name & address :- Principal J.K. National School ,Farhada Bilaspur (C.G.)	Senders letter no./Date	18.04.2022	Sampled by	School Staff
	DL receipt no.	1182	DL Receipt date	18.04.2022
	Date of analysis started	18.04.2022	Date of analysis completed	20.04.2022

### Sample Details:-

Sr.no.	Sample I.D.	District /Block	City / Village	Location/source no./GPS identification
1	04/22/1182/3524	Bilaspur	Farhada	Principal J.K. National School ,Farhada
2	-	-	-	-
3	-	-	-	-

### Details of parameters their test method units and specification as per IS/APIHA :-

s.n.	Parameters	Test method IS:3025/APIHA 23rd ed.		Unit	As per IS-10500-2012 drinking water		1	2	3	4
		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	0.10	-	-	-
2	Color	APIHA23rd ed	Part-2120B	CU	5	15	3.00	-	-	-
3	Odour	IS:3025	Part-05		Agr	Agr	Agreeabl e	-	-	-
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	6.99	-	-	-
6	Total Alkalinity as CaCO <sub>3</sub>	APHA23rd ed	Part-2320 B	mg/L	200	600	374.11	-	-	-
7	TDS	APHA23rd ed	Part-3540-C	mg/L	500	2000	493	-	-	-
8	Chloride as Cl	APHA23rd ed	Part- 4500-Cl-B	mg/L	250	1000	70.21	-	-	-
9	Total Hardness as CaCO <sub>3</sub>	APHA23rd ed	Part-2340-C	mg/L	200	600	389.55	-	-	-
10	Calcium as Ca <sup>++</sup>	APHA23rd ed	Part-3500-Ca-B	mg/L	75	200	91.75	-	-	-
11	Magnesium as Mg <sup>++</sup>	APHA23rd ed.	3500-Mg-B	mg/L	30	100	38.55	-	-	-

- 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 to 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.

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(Ashish Dongre)  
Authorised Signatory (NABL)

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**PRESIDENT**  
JAMIA EDUCATION SOCIETY  
BILASPUR (C.G.)

**Principal**  
J.K. National School  
Farhada, Bilaspur (C.G.)

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## Test Report

Kind of sample- Drinking water sample	Group- Drinking water	Report No.- 1182
Senders name & address :- Principal J.K. National School Farhada Bilaspur (C.G.)	Senders letter no./Date	18.04.2022
	DL receipt no.	1182
	Date of analysis started	18.04.2022
	Sampled by	School Staff
	DL Receipt date	18.04.2022
	Date of analysis completed	20.04.2022

### Sample Details:-

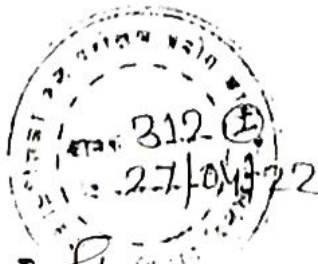
Sr.no.	Sample I.D.	District /Block	City / Village	Location/source no./GPS identification
1	04/22/1182/3524	Bilaspur	Farhada	Principal J.K. National School ,Farhada
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-

### Details of parameters their test method units and specification as per IS/APIHA :-

s.n.	Parameters	Test method		Unit	As per IS-10500-2012(second-revision) drinking water		1	2	3	4
		IS:3025/APHA 23rd ed.	Method		Part no.	Desir able Limit				
1	2	3	4	5	6	7				
1	Spe. Conductivity @ 25 °C	IS:3025	Part-14	µS/cm	-	-	808.20	-	-	-
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	0.30	-	-	-
4	Fluoride as F <sup>-</sup>	APHA23rd ed	Part-7/8	Mg/l	1.0	1.5	0.245	-	-	-
5	Residual Chorine	-	-	Mg/l	0.2	1.0	-	-	-	-
6	Fecal Coliform	H <sub>2</sub> S (24 hrs/48 hrs)	(24 hrs/48 hrs)	-	Nil	Nil	Nil	-	-	-

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2. 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.
3. The results refer only to tested samples and parameters.
4. This Lab does not hold any responsibility for verification in results for samples kept on hold for wants of clarification.
5. Samples will be stored for a period of 10 days from date of issue of report

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**PRESIDENT**  
JAMIA EDUCATION SOCIETY  
BILASPUR (C.G.)

*[Signature]*  
Chemist  
District Water Testing Laboratory  
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Principal  
J.K. National School  
Farhada, Bilaspur (C.G.)