



# District Water Testing Laboratory

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



## Test Report

Discipline- Chemical Testing	Group- Drinking water	Report no. – 5121		
Senders name & address :- Mount Litera zee school Uslapur, Bilaspur	Senders letter no./Date	06.01.2025	Sampled by	School Staff
	DL receipt no.	5121	DL Reciept date	06.01.2025
	Date of analysis started	08.01.2025	Date of analysis completed	08.01.2025

### Sample Details:-

Sr. no.	Sample I.D.	District /Block	City / Village	Location/source no./GPS identification	Condition of Sample
1	01/25/5121/2215	Bilaspur	Bilaspur	Mount Litera Zee School	OK

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

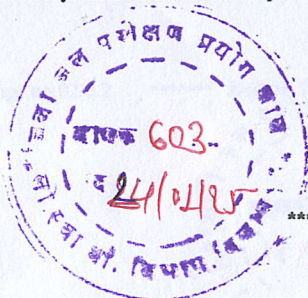
S.n.	Parameters	Test method IS:3025/APHA 24rd ed.		Unit	As per IS-10500-2012 drinking water		Result				
		Method	Part no.		Desira ble Limit	Permis sible Llimit	1	2	3	4	5
1	2	3	4	5	6	7	8	9	10	11	12
1	Turbidity	APHA (24 <sup>th</sup> Ed)	Part-10	NTU	1	5	0.98	-	-	-	-
2	Color	APHA (24 <sup>th</sup> Ed)	Part-2120B	CU	5	15	2	-	-	-	-
3	Odour	IS:3025	Part-05	-	Agr	Agr	Agr	-	-	-	-
4	Taste	IS:3025	Part-7/8	-	Agr	Agr	Agr	-	-	-	-
5	PH @ 25°C	APHA (24 <sup>th</sup> Ed)	Part-11	PH scale	6.5-8.5	6.5-8.5	6.97	-	-	-	-
6	Total Alkalinity as CaCO <sub>3</sub>	APHA (24 <sup>th</sup> Ed)	Part-2320 B	mg/l.	200	600	300.61	-	-	-	-
7	TDS	APHA (24 <sup>th</sup> Ed)	Part-3540-C	mg/l.	500	2000	532	-	-	-	-
8	Chloride as Cl <sup>-</sup>	APHA (24 <sup>th</sup> Ed)	Part- 4500-Cl- B	mg/l.	250	1000	55.72	-	-	-	-
9	Total Hardness as CaCO <sub>3</sub>	APHA (24 <sup>th</sup> Ed)	Part-2340-C	mg/l.	200	600	270.48	-	-	-	-
10	Calcium as Ca <sup>++</sup>	APHA (24 <sup>th</sup> Ed)	Part-3500-Ca- B	mg/l.	75	200	61.27	-	-	-	-
11	Magnesium as Mg <sup>++</sup>	APHA (24 <sup>th</sup> Ed)	3500-Mg-B	mg/l.	30	100	28.22	-	-	-	-

1 The report should not be produced partly or full without approval signatory authority of legal purpose.

2 The results refer only to tested samples and parameters.

3. This Lab does not hold any responsibility for verification in results for samples kept on hold for wants of clarification.

4. Samples will be stored for a period of 10 days from date of issue of report.



Report Received & Approved By

Ashish Dongre

Authorised Signatory

Issue no. 5121 Dt. 08.01.2025

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





**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**

<b>Discipline- Chemical Testing</b>	<b>Group- Drinking water</b>	<b>Report no. – 5121</b>		
<b>Senders name &amp; address :-</b> Mount Litera Zee School Uslapur, Bilaspur	<b>Senders letter no./Date</b>	<b>06.01.2025</b>	<b>Sampled by</b>	<b>School Staff</b>
	<b>DL receipt no.</b>	<b>5121</b>	<b>DL Reciept date</b>	<b>06.01.2025</b>
	<b>Date of analysis started</b>	<b>08.01.2025</b>	<b>Date of analysis completed</b>	<b>08.01.2025</b>

**Sample Details:-**

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1	01/25/5121/2215	Bilaspur	Bilaspur	Mount Litera zee School	OK

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

s.n.	Parameters	Test method IS:3025/APHA 24rd ed.		Unit	As per IS-10500-2012(second-revision) drinking water		Results		
		Method	Part no.		Desira ble Limit	Permi ssible Llimit	1	2	3
1	2	3	4	5	6	7	8	9	10
1	Spe.Conductivity @ 25 °C	IS:3025	Part-14	µS/cm	-	-	859.00	-	-
2	Nitrate as NO <sub>3</sub>	APHA (24 <sup>th</sup> Ed)	Part-2120B	Mg/l	45	45	-	-	-
3	Iron as Fe <sup>++</sup>	APHA (24 <sup>th</sup> Ed)	Part-05	Mg/l	0.1	0.3	0.13	-	-
4	Fluoride as F <sup>-</sup>	APHA (24 <sup>th</sup> Ed)	Part-7/8	Mg/l	1.0	1.5	0.321	-	-
5	Residual Chorine	-	-	Mg/l	0.2	Nil	Nil	-	-
6	Sulphate	IS:3025	Part-24	Mg/l	200	400	-	-	-
7	E. Coliform	APHA (24 <sup>th</sup> Ed)	Part- 9222B	CFU / 100 ML	Nil	Nil	Nil	-	-
8	Fecel Coliform	APHA (24 <sup>th</sup> Ed)	Part- 9222D	CFU / 100 ML	Nil	Nil	Nil	-	-

- 1 The report should not be produced partly or full without approval signatory authority of legal purpose.
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

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

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

