



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 Senders name & address :- Mother's Pride World School Chakarbhatha, Bilaspur	Group- Drinking water	Report No. – 4960		
	Senders letter no./Date	202/04.10.2024	Sampled by	School Staff
	DL receipt no.	4960	DL Reciept date	04.10.2024
	Date of analysis started	04.10.2024	Date of analysis completed	06.10.2024

Sample Details:-

Sr.no.	Sample I.D.	District /Block	City / Village	Location/source no./GPS identification
1	10/24/4960/1597	Bilaspur	Bilaspur	Mother's Pride World School

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

ss.n	Parameters	Test method		Unit	As per IS-10500-2012 drinking water		Result					
		IS:3025/APHA 23rd ed.	Method		Part no.	Desira ble Limit						Permis sible Llimit
		1	2		3	4	5	6	7	1	2	3
1	Turbidity	IS:3025	Part-10	NTU	1	5	-	-	-	-	-	-
2	Color	APHA (24 th Ed)	Part-2120B	CU	5	15	1.11	-	-	-	-	-
3	Odour	IS:3025	Part-05		Agr	Agr	2.00	-	-	-	-	-
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	7.88	-	-	-	-	-
6	Total Alkalinity as CaCO ₃	APHA (24 th Ed)	Part-2320 B	mg/l.	200	600	235.20	-	-	-	-	-
7	TDS	APHA (24 th Ed)	Part-3540-C	mg/l.	500	2000	441.00	-	-	-	-	-
8	Chloride as Cl ⁻	APHA (24 th Ed)	Part- 4500-Cl- B	mg/l.	250	1000	55.55	-	-	-	-	-
9	Total Hardness as CaCO ₃	APHA (24 th Ed)	Part-2340-C	mg/l.	200	600	293.17	-	-	-	-	-
10	Calcium as Ca ⁺⁺	APHA (24 th Ed)	Part-3500-Ca- B	mg/l.	75	200	67.53	-	-	-	-	-
11	Magnesium as Mg ⁺⁺	APHA (24 th Ed)	3500-Mg-B	mg/l.	30	100	32.26	-	-	-	-	-

- 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 souces 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

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Har Ghar Jal
Jal Jeevan Mission

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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		Results				
		Method	Part no.		Desira ble Limit	Permi ssible Limit	1	2	3	4	5
1	2	3	4	5	6	7	-	-	-	-	-
1	Spe. Conductivity @ 25 °C	IS:3025	Part-14	µS/cm	-	-	722.95	-	-	-	-
2	Nitrate as NO ₃	APHA (24 th Ed)	Part-2120B	Mg/l	45	45	-	-	-	-	-
3	Iron as Fe ⁺⁺	APHA (24 th Ed)	Part-05	Mg/l	0.1	0.3	0.18	-	-	-	-
4	Fluoride as F ⁻	APHA (24 th Ed)	Part-7/8	Mg/l	1.0	1.5	0.142	-	-	-	-
5	Residual Chlorine	-	-	Mg/l	0.2	Nil	-	-	-	-	-
6	Sulphate	IS:3025	Part-24	Mg/l	200	400	-	-	-	-	-
7	E. Coliform	APHA (24 th Ed)	Part- 9222B	CFU / 100 ML	Nil	Nil	Nil	-	-	-	-
8	Fecel Coliform	APHA (24 th Ed)	Part- 9222D	CFU / 100 ML	Nil	Nil	-	-	-	-	-

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

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