

कार्यालय सहायक अभियंता,  
लोक स्वास्थ्य यांत्रिकी उपखण्ड,  
रायपुर (छ.ग.)

क्रमांक ...231/.....जि.प्र.शा./लो.स्वा.या./उपखण्ड रायपुर

दिनांक 25/07/25

✓ प्रति,

Principal

Holy Cross Senior Secondary School  
Byron Bazar, Raipur (C.G.)

विषय :- जल नमूनों के परीक्षण रिपोर्ट प्रेषित करने बाबत।

संदर्भ :- आपका पत्र क्रमांक. - दिनांक 22.07.2025

उपरोक्त विषयान्तर्गत लेख है कि संदर्भित पत्र के माध्यम से प्राप्त जल नमूने का, जिला जल परीक्षण प्रयोगशाला लोक स्वास्थ्य यांत्रिकी विभाग रायपुर में परीक्षण कर रिपोर्ट आपकी ओर प्रेषित है।

संलग्न :- रिपोर्ट नंबर - 534 एवं बिल नंबर - 476 की एक प्रति।

  
सहायक अभियंता

लोक स्वास्थ्य यांत्रिकी उपखण्ड

रायपुर (छ.ग.)



TC-13095

जिला जल परीक्षण प्रयोगशाला  
लोकस्वास्थ्य यांत्रिकी विभाग रिंगरोड 1, रावणभाठा, रायपुर (छ.ग.)  
**DISTRICT WATER TESTING LABOARATORY, PHED.**  
**RING ROAD NO.1 RAWANBHANTA RAIPUR (C.G.)**  
email:- dwtlraipur@gmail.com

**TEST REPORT (DRINKING WATER)**

Report No. DI/Phed/Rpr.: 534	Discipline:- Chemical Testing	Group:- Drinking Water	ULR no. -: TC1309525000000534F	
Senders name & address:-  Principal Holy Cross Senior Secondary School Byron Bazar, Raipur (C.G.)	Senders letter no./Date	- / 22.07.2025	Sampled by & Date	Customer 22.07.2025
	DL receipt no.	534	DL Receipt date	22.07.2025
	Date of analysis started	22.07.2025	Date of analysis completed	24.07.2025

**SAMPLE DETAILS**

S.N.	Sample I.D.	District / Block	City / Village	Habita.	Location/Source ID./GPS Identification
1.	534/3325/07/2025	Raipur	Raipur	-	Water Sample Of, Holy Cross Sr. Sec. School Filter
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

**DETAILS OF PARAMETERS THEIR TEST METHOD UNITS AND SPECIFICATION AS PER IS/APHA**

S.N.	Parameters	Test method IS:3025/APHA 24th ed.	Unit	As per IS-10500-2012 drinking water		Result Of S.No.			
				Acceptable Limit	Permissible Limit	1	-	-	-
1	Fluoride	APHA 24 <sup>th</sup> ed 4500-F <sup>-</sup> -C	mg/L.	1.0	1.5	0.027	-	-	-
2	Chloride	IS:3025Part- 32	mg/L.	250	1000	6.92	-	-	-
3	Alkalinity as CaCO <sub>3</sub>	IS:3025Part-23	mg/L.	200	600	7.80	-	-	-
4	Calcium	IS:3025Part-40	mg/L.	75	200	8.60	-	-	-
5	Magnesium	APHA 24th ed. 3500 Mg-B	mg/L.	30	100	2.84	-	-	-
6	pH @ 25°C	IS:3025Part-11	PH scale	6.5-8.5	6.5-8.5	6.60	-	-	-
7	Turbidity	IS:3025Part-10	NTU	1	5	0.32	-	-	-
8	Total Hardness as CaCO <sub>3</sub>	IS:3025Part-21	mg/L.	200	600	33.20	-	-	-
9	Spe. Conductivity @ 25°C	IS:3025Part- 14	µmho/cm	-	-	72.47	-	-	-

Remark:-

- 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.
- Samples will be stored for a period of 10 days from date of issue of report.
- This Lab does not hold any responsibility for variation in results for samples kept on hold for wants of clarification.
- Results apply to the sample as received. 7. Sampling not done by Lab staff.

Tested by

Report Reviewed &amp; Approved by

(Mani Shankar Roy)  
Chemist(Umesh Sahu)  
Authorized Signatory



जिला जल परीक्षण प्रयोगशाला  
लोकस्वास्थ्य यांत्रिकी विभाग रिंगरोड 1, रावणभाठा, रायपुर (छ.ग.)  
**DISTRICT WATER TESTING LABOARATORY, PHED.**  
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email:- dwttraipur@gmail.com

**TEST REPORT (DRINKING WATER)**

Report No. DI/Phed/Rpr.: 534	Discipline:- Chemical Testing	Group:- Drinking Water		
Senders name & address:-  Principal Holy Cross Senior Secondary School Byron Bazar, Raipur (C.G.)	Senders letter no./Date	- / 22.07.2025	Sampled by & Date	Customer 22.07.2025
	DL receipt no.	534	DL Receipt date	22.07.2025
	Date of analysis started	22.07.2025	Date of analysis completed	24.07.2025

**SAMPLE DETAILS**

S.N.	Sample I.D.	District / Block	City / Village	Habita.	Location/Source ID./GPS Identification
1.	534/3325/07/2025	Raipur	Raipur	-	Water Sample Of, Holy Cross Sr. Sec. School Filter
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

**DETAILS OF PARAMETERS THEIR TEST METHOD UNITS AND SPECIFICATION AS PER IS/APHA**

S.N.	Parameters	Test method IS:3025/APHA 24th ed.	Unit	As per IS-10500-2012 drinking water		Result Of S.No.			
				Acceptable Limit	Permissible Limit	1	-	-	-
10	Colour	APHA 24 <sup>th</sup> ed. 2120-B	Hazen	05	15	4	-	-	-
11	Odour	IS:3025 Part -5	-	Agreeable	Agreeable	Agreeable	-	-	-
12	Iron	APHA 24th ed 3500-Fe-B	mg/L.	1.0	No relaxation	0.031	-	-	-
13	Nitrates	APHA 24th ed 4500-NO <sub>3</sub> <sup>-</sup> B	mg/L.	45	No relaxation	0.512	-	-	-
14	TDS	APHA 24th ed. 2540-C	mg/L.	500	2000	49	-	-	-
15	Residual Chlorine	-	mg/L.	0.2	1.0	0.00	-	-	-
16	Sulphate	IS:3025 part -24	mg/L.	200	400	0.423	-	-	-
17	Manganese	APHA 24th ed 3500Mn-B.	Mg/L.	0.1	0.3	0.00	-	-	-

Remark:-

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- The results refer only to tested samples and parameters.
- Samples will be stored for a period of 15 days from date of issue of report.
- This Lab does not hold any responsibility for variation in results for samples kept on hold for wants of clarification.
- Results apply to the sample as received. 7. Sampling not done by Lab staff.
- Agreeable is denoted by Agr.

Tested by



(Mani Shankar Roy)  
Chemist

Report Reviewed & Approved by



(Umesh Sahu)  
Authorized Signatory



जिला जल परीक्षण प्रयोगशाला  
लोकस्वास्थ्य यांत्रिकी विभाग रिंगरोड 1, रावणभाटा, रायपुर (छ.ग.)  
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**RING ROAD NO.1 RAWANBHANTA RAIPUR (C.G.)**  
email:- dwttraipur@gmail.com

**BACTERIOLOGICAL - TEST REPORT (DRINKING WATER)**

Report No. DI/Phed/Rpr. : 534				
Senders name & address:-  Principal Holy Cross Senior Secondary School Byron Bazar, Raipur (C.G.)	Senders letter no./Date	- / 22.07.2025	Sampled by & Date	Customer 22.07.2025
	DL receipt no.	534	DL Receipt date	22.07.2025
	Date of analysis started	22.07.2025	Date of analysis completed	24.07.2025

**SAMPLE DETAILS**

S.N.	Sample I.D.	District / Block	City / Village	Habita.	Location/Source ID./GPS Identification
1.	534/3325/07/2025	Raipur	Raipur	-	Water Sample Of, Holy Cross Sr. Sec. School Filter
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-


**DETAILS OF PARAMETERS THEIR TEST METHOD UNITS AND SPECIFICATION AS PER IS/APHA**

S.N.	Parameters	Test method		As per IS-10500-2012 drinking water		Result Of S.No.			
		Method	Unit	Acceptable Limit	Permissible Limit				
						1	-	-	-
18	E.Coli	APHA / IS	Cfu/100ml.	Nil	Nil	Nil	-	-	-

**Remark:-**

1. 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.
2. The results refer only to tested samples and parameters.
3. Samples will be stored for a period of 15 days from date of issue of report.
4. This Lab does not hold any responsibility for variation in results for samples kept on hold for wants of clarification.
5. Results apply to the sample as received.
6. Sampling not done by Lab staff.

Tested by

  
(Mani Shankar Roy)  
Chemist

Report Reviewed & Approved by

  
(Umesh Sahu)  
Authorized Signatory

Issue no.534 / Date- 25.07.2025

Page no. 03/03

End of Report

जिला जल परीक्षण प्रयोगशाला  
लोकस्वास्थ्य यांत्रिकी विभाग रिंगरोड 1, रावणभाठा, रायपुर (छ.ग.)  
**DISTRICT WATER TESTING LABOARATORY, PHED.**  
**RING ROAD NO.1 RAWANBHANTA RAIPUR (C.G.)**  
email:- dwtlraipur@gmail.com

**INVOICE**

(Water Sample Analysis Charge)

Invoice no. 476

Date -25.07.2025

To

**Principal**

**Holy Cross Senior Secondary School**

**Byron Bazar, Raipur (C.G.)**

( Letter no. - दिनांक 22.07.2025

**DESCRIPTION**


Sr. no.	parameters	Fee in Rs. Per sample	Required parameter tick ( √ )	Total fee in Rs. according to no. of sample = 01
1	Colour	1.00	√	1.00
2	Odour	1.00	√	1.00
3	Turbidity in NTU	5.00	√	5.00
4	PH	1.00	√	1.00
5	Total Alkalinity as CaCO <sub>3</sub> in mg/l.	20.00	√	20.00
6	TDS in mg/l.	1.00	√	1.00
7	Spe. Conductivity @ 25°C	1.00	√	1.00
8	Chloride in Mg/l.	50.00	√	50.00
9	Nitrate in mg/l.	50.00	√	50.00
10	Calcium as Ca++ in mg/l.	20.00	√	20.00
11	Magnesium as Mg ++ in mg/l	20.00	√	20.00
12	Manganese	50.00	√	50.00
13	Total Hardness as CaCO <sub>3</sub> in mg/l.	20.00	√	20.00
14	Iron in mg/l.	50.00	√	50.00
15	Sulphate mg/l.	50.00	√	50.00
16	Fluoride in mg/l.	50.00	√	50.00
17	Residual Chlorine in mg/l.	1.00	√	1.00
18	E.Coli	100.00	√	100.00
			<b>Grand Total</b>	<b>491.00</b>

[ Invoice Amount In words ₹. Four Hundred Ninety One Rupees only]



Chemist

District Water Testing Laboratory  
PHED Raipur (C.G.)



Assistant Engineer  
PHE Sub Division  
Raipur (C.G.)

■ कार्यपालन अभियंता, लोक स्वास्थ्य यांत्रिकी खण्ड रायपुर, के नाम से चेक / डी.डी. का भूगतान करें।