



TC-10849

राज्य स्तरीय प्रयोगशाला एवं अनुसंधान केन्द्र
लोक स्वास्थ्य यांत्रिकी विभाग सिरोड 1, रावणभाटा, रायपुर (छ.ग.)
STATE LABORATORY & RESEARCH CENTRE, PHED, RING
ROAD NO.1 RAWANBHANTA RAIPUR (C.G.)

email: siraraipur@gmail.com



Test Report (Drinking Water)

ULR no. -: TC1084924000000011F

Senders name & address:- Principal Sun Public School Chandkhuri, Durg	Discipline:- Chemical Testing	Group:- Drinking Water	Test performed at Laboratory:- Permanent facility	
	Senders letter no./Date	-08.02.2024	Sampled by	Customer
	SL receipt no.	02/24/11	Physical condition of Sample	OK
	SL Receipt date	08.02.2024	Date of analysis started	08.02.2024
			Date of analysis completed	10.02.2024

Sample Details

S.N.	Sample I.D.	District /Block	City / Village	Habitation	Location/Source ID/GPS Identification
01	02/24/11/25	Durg	-	-	Water Sample, Sun Public School Chandkhuri, Durg

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

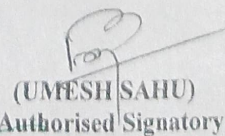
S.N.	Characteristics	Test method IS:3025/APHA 24 th edition		Unit of Measurement	As per BIS-10500:2012 For Drinking water		Result Of S.No. 02/24/11/25
		method	Part no.		Sample ID :-		
					Acceptable limit	Permissible limit	
1	Turbidity	APHA	2130-B	NTU	1	5	4.11
2	pH @ 25°C	APHA	Part 4500-H-B	pH scale	6.5	8.5	7.11
3	Conductivity	APHA	2510-B	µS/cm.	-	-	1109
4	Fluoride as F ⁻	APHA	Part 4500-F-C	Mg/l.	1.0	1.5	0.027
5	Total Hardness as CaCO ₃	APHA	Part 2340-C	Mg/l.	200	600	458.16
6	Calcium as Ca	APHA	Part 3500-Ca-B	Mg/l.	75	200	116.55
7	Magnesium as Mg	APHA	3500-Mg-B	Mg/l.	30	100	40.65
8	Chloride as Cl ⁻	APHA	Part 4500-Cl-B	Mg/l.	250	1000	195.6
9	Alkalinity as CaCO ₃	APHA	Part 2320-B	Mg/l.	200	600	221.88
10	TDS	APHA	Part-2540-C	Mg/l	500	2000	729
11	Iron as Fe	APHA	Part3500-Fe-B	Mg/l	1.0	No Relaxation	0.17
12	Nitrate as NO ₃ ⁻	APHA	Part 4500 -NO3-B	Mg/l.	45	No Relaxation	12.0
13	Sulphate as SO ₄ ²⁻	APHA	Part 4500-SO4-E	Mg/l	200	400	60.7
14	Manganese as Mn	APHA	Part 3500-B	Mg/l	0.1	0.3	0.03
15	Colour	APHA	Part 2120-B	Hazen	5	15	5
16	Odour	IS:3025	Part -5	-	Agreeable	Agreeable	Agreeable

- The report should not be produced partly or full without approval signatory authority of legal purpose.
- The results refer only to tested samples and parameters. 3. Samples will be stored for a period of 10 days from date of receipt of sample.
- 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.6. Sampling not done by Lab staff.7. Agreeable is denoted by Agr.

Report reviewed & approved by



Chief Chemist
State Laboratory & Research Centre
PHED, RAIPUR (C.G.)



(UMESH SAHU)
Authorised Signatory

Issue no. 11/ Date- 12.02.2024

Page no. 01/01

Principal
Sun Public School
Chandkhuri, Durg (C.G.)

STATE LABORATORY & RESEARCH CENTRE
PHED, RAIPUR (C.G.)

End of Report



PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No.

Dated: 12/2/2024

It is certified that an inspection team headed by Pajmal Dutt, chief chemist
(Name of Officers with designation) from state Laboratory, PHE Deptt Raipur
(Name of Department/ Office) inspected the Sun public school, Chandkhuri, Durg
(Name & Address of the school) on 10/2/2024 (date of inspection) and found that the
Sun Public School (Name of school) has safe drinking water
facilities for the students and members of staff of the institution and is maintaining the hygienic
sanitation condition in the school building & the campus as per norms prescribed by the Central/
State/ U.T. Govt.

The above is valid for a period of one year


Chief Chemist

Signature with Seal: State Laboratory & Research Centre
Public Health Engg. Deptt, Raipur (C.G.)

Name : Pajmal Dutt


Designation : chief chemist

Name & Address of the Office / Department :


To

Sun Public School
Chandkhuri, Durg

(Name & Address of the Institution)


Principal
Sun Public School
Chandkhuri, Durg (C.G.)

* The filled up certificate should be either in Hindi or English. If issued in vernacular language, translated notarized version in English be uploaded along with the original vernacular certificate as a single pdf.


SECRETARY
HOLISTIC FOUNDATION
DURG (C.G.)



Bacteriological - Test Report (Drinking Water)

Senders name & address: Principal Sun Public School Chandkhuri, Durg	Discipline: Chemical Testing	Group: Drinking Water	Test performed at Laboratory: Permanent facility	
	Senders letter no./Date	-08.02.2024	Sampled by	Customer
	Test Report No.	02/24	Physical condition of Sample	OK
	SI. receipt no.	02/24/11	Date of analysis started	08.02.2024
	SI. Receipt date	08.02.2024	Date of analysis completed	10.02.2024

Sample Details					Location/Source ID/GPS Identification
S. N.	Sample I.D.	District/Block	City/Village	Habitation	
01	02/24/11/25	Durg	-	-	Water Sample, Sun Public School Chandkhuri, Durg

Details of parameters their test method units and specification as per IS/APHA						Result Of S.No.
S.N.	Parameters	Test method		As per IS-10500-2012 drinking water		02/24/11/25
		Method	Unit	Acceptable limit	Permissible limit	
17	E.Coli	APHA / IS	Cfu/100ml.	Nil	Nil	Nil

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 6 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 10 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.

Report reviewed & approved by

Chief Chemist
 State Laboratory & Research Centre
 PHED. RAIPUR (C.G.)

(UMESH SAHU)
 Incharge QMS.

.....End of Report.....

SECRETARY
 HOLISTIC FOUNDATION
 DURG (C.G.)