



## District Water Testing Laboratory

Public Health Engineering Department, Div. Raigarh  
Near PHE, Central Store Campus, Chakradhar Nagar Raigarh C.G.

e-mail:- phedrglab1990@gmail.com

### Test Report (Drinking Water)



TC-13241

Report no. DL/PHED/RGH. - 515	Discipline:- Chemical Testing	Group:- Drinking Water	ULR no. -: TC13241240000000251F	
<b>Senders Name :-</b>  <b>Shree Swaminarayan GURUKUL International School</b>	Senders letter no./Date	Nil/11.07.2024	Sampled by	By Client
	Sample collection date	11.07.2024	Sampling Plan & procedure	Sampling is not done by laboratory staff
	DL receipt no.	114	DL Receipt date	11.07.2024
	Date of analysis started	11.07.2024	Date of analysis completed	11.07.2024

#### Sample Details

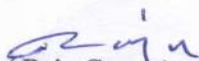
S No.	Sample ID	District/Block	Panchayat/Village	Habitation	Location/Source ID/GPS Identification
1	DL/RGH/LAB-24/2174	Raigarh/Pusour	Lara	NTPC Lara	Drinking Water, Shree Swaminarayan GURUKUL International School

#### Details of parameters their test method units and specification as per IS:3025/APHA

S. No.	Parameters	Test method IS:3025/APHA 24th ed.		unit	As per IS-10500-2012(Second Rev) for drinking water		Results				
		method	Part no.		Acceptable Limit	Permissible Limit	1	2	3	4	5
1	2	3	4	5	6	7					
1*	Colour	APHA24th ed	2120-B	Hazen	5	15	2				
2*	Odour	IS:3025	Part 5	-	Agreeable	Agreeable	Agr.				
3*	TDS (Total Dissolved Solids)	APHA24th ed	Part-2540-C	mg/L	500	2000	280				
4*	Chloride as Cl-	APHA24th ed	Part-4500-Cl-B	mg/L	250	1000	27.72				
5*	Alkalinity as CaCO <sub>3</sub>	APHA24th ed	Part-3220-B	mg/L	200	600	104.09				
6*	Total Hardness as CaCO <sub>3</sub>	APHA24th ed	Part-2340-C	mg/L	200	600	204.14				
7*	Calcium as Ca <sup>2+</sup>	APHA24th ed	3500- Ca- B	mg/L	75	200	45.45				
8*	Magnesium as Mg <sup>2+</sup>	APHA24th ed	3500- Mg-B	mg/L	30	100	22.05				
9*	Ph	IS:3025	Part-11	pH Scale	6.5-8.5	No Relaxation	7.27				
10*	Turbidity	IS:3025	Part-10	NTU	1	5	2.3				

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. 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.
- Remarks - 1. Results apply to the sample as received.  
2. Sampling not done by Lab staff.

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(Raju George)  
Authorized Signatory

\*\*\*\*End Of Report\*\*\*\*





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**Public Health Engineering Department, Div. Raigarh**  
Near PHE, Central Store Campus, Chakradhar Nagar Raigarh C.G.  
e-mail:- phedrghlab1990@gmail.com  
**Test Report (Drinking Water)**

Report no. DL/PHED/RGH - 515	Discipline:- Chemical Testing	Group:- Drinking Water		
<b>Senders Name :-</b>  Shree Swaminarayan GURUKUL International School	Senders letter no./Date	Nil/11.07.2024	Sampled by	By Client
	Sample collection date	11.07.2024	Sampling Plan & procedure	Sampling is not done by laboratory staff
	DL receipt no.	114	DL Receipt date	11.07.2024
	Date of analysis started	11.07.2024	Date of analysis completed	12.07.2024

**Sample Details**


S No.	Sample ID	District/Block	Panchayat/Village	Habitation	Location/Source ID/GPS Identification
1	DL/RGH/LAB-24/2174	Raigarh/Pusour	Lara	NTPC Lara	Drinking Water, Shree Swaminarayan GURUKUL International School


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S. No.	Parameters	Test method IS:3025/APHA 24th ed.		unit	As per IS-10500-2012(Second Rev) for drinking water		Results				
		method	Part no.		Acceptable Limit	Permissible Limit	1	2	3	4	5
1	2	3	4	5	6	7					
1*	Iron	APHA24th ed	3500-Fe-B	mg/l.	0.3	01	0.39				
2*	Nitrates	APHA24th ed	4500-NO <sub>3</sub> <sup>-</sup> B	mg/L	45	45	-				
3*	Fluoride	APHA24th ed	4500-F <sup>-</sup> C	mg/L	1.0	1.5	0.59				
4*	Sulphate	APHA24th ed	IS:3025	mg/L	200	400	-				
5*	Conductivity	IS:3025	Part- 14	µmho/cm	-	-	438				
6*	Total Coliform	-	-	CFU/100ml	Nil	Nil	0.0 (24 Hours)				
7*	Residual Chlorin	-	-	mg/l.	0.2	1	-				
8*	Test	IS:3025	Part- 8	-	Agreable	Agreable	Agr.				

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**Chemist / Lab Incharge**  
District Water Testing Laboratory  
P.H.E.D. Raigarh C.G

  
**Lab Assistant**  
District Water Testing Laboratory  
P.H.E.D. Raigarh C.G

\*\*\*\*End Of Report\*\*\*\*