

PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No. 171

Dated: 02.05.2025

It is certified that an inspection team headed by K.K. Sahu

(Name of Officers with designation) from P.H.E. Sub Div. Mahasamund PHED

inspected the Carmel Convent School, Bagbahara, District – Mahasamund (C.G.)

(Name & Address of the school) on 01.05.2025 (date of inspection) and on the basis of

Water Test Report (Attached) bearing no. 26 dated 02.05.2025

of (PHED Lab) certified that the

Carmel Convent School, Bagbahara (Name of school) has safe drinking water facilities for the students and members of staff of the institution. School is also maintains the hygienic sanitation condition in the school building & the campus as per norms prescribed by the Central/ State/ U.T. Govt.

This certificate is valid till 2025-26

Signature with Seal: [Signature]

Name : [Signature]

Designation: [Signature]

To

Carmel Convent School, Bagbahara,

District – Mahasamund (C.G.)

Pin Code - 493449

(Name & Address of the Institution)

Name & Address of the Office / Department : [Signature]

P.H.E. Sub Division - Mahasamund (C.G.)

Attested [Signature]

PRINCIPAL
CARMEL CONVENT SCHOOL
BAGBAHARA
DISTT.- MAHASAMUND (C.G.)

Note: The certificate is to be issued by authorized officer/PHED Lab/local bodies



Format No. DL/PHED/MAH/F/01

District Water Testing Laboratory
Public Health Engineering Department, Div. Mahasamund

Near collector office, Behind RTO office, BTI road, Mahasamund (C.G.) Pin Code- 493445

Phone – 07723-299140 Email ID - eemah-phe-cg @gov .in

ISO /IEC 17025 -2017 (NABL Accredited Laboratory)

Test Report (Drinking Water)					
Report no. DL/PHED/MAH – 26	Discipline:- Chemical Testing	Group:-Drinking water	ULR No :- TC12708000000026F		
Senders name & address:- Principal Carmel Convent School Bagbahara Dist .Mahasamund (CG)	Senders letter no./Date	-/29/04/25	Sampled by	Customer	
	DL receipt no.	26	Sampling Plan & procedure	Sampling not done by Lab staff	
	Date of analysis started	29/04/25	DL Receipt date	29/04/25	
			Date of analysis completed	29/04/25	
Sample Details					
S. N.	Sample ID	Block	City / Village	Habitation/Location/Source	
1	26/04/25/280	Mahasamund	-	Carmel Convent School Bagbahara - RO	

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 (Second Revision) Drinking water		Result of S.No					
		Method	Part no.		Acceptable limit	Permissible limit	1	2	3	4	5	6
1	Chloride as Cl ⁻	APHA : 2024	4500-Cl-B	mg/L	250	1000	46.24	-	-	-	-	-
2	Total Dissolved solids	APHA : 2024	2540-C	mg/L	500	2000	160	-	-	-	-	-
3	Alkalinity as CaCO ₃	APHA : 2024	2320-B	mg/L	200	600	78.04	-	-	-	-	-
4	Calcium as Ca ²⁺	APHA : 2024	3500-Ca-B	mg/L	75	200	24.01	-	-	-	-	-
5	Magnesium as Mg ²⁺	APHA : 2024	3500 Mg-B	mg/L	30	100	14.05	-	-	-	-	-
6	pH	IS:3025 : 2022	Part-11	pH scale	6.5-8.5	No relaxation	6.81	-	-	-	-	-
7	Turbidity	IS:3025 : 2023	Part-10	NTU	1	5	2.29	-	-	-	-	-
8	Total Hardness as CaCO ₃	APHA : 2024	2340-C	mg/L	200	600	117.76	-	-	-	-	-
9	Taste	IS:3025 : 2023	Part-8	-	Agreeable	Agreeable	-	-	-	-	-	-
10	Odour	IS:3025 : 2018	Part-5	-	Agreeable	Agreeable	Agr.	-	-	-	-	-
11	Color	APHA : 2024	2120-B	Hazen	5	15	6	-	-	-	-	-

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.
5. Agreeable is denoted by Agr.

Note - 1. Results apply to the sample as received.

2. The Laboratory does not give interpretation on Test result Passed/ Failed.

Report Reviewed & approved by

Lab.Issue no...26.....Issue Date.....02/05/2025.....Page no...1.....of...2.....

(Ajay Kumar Prajapati)
Authorized Signatory

District Water Testing Laboratory
Public Health Engineering Department, Div. Mahasamund
Near collector office, Behind RTO office, BTI road, Mahasamund (C.G.) Pin Code-493445
Phone – 07723-299140 Email ID -eemah-phe-cg@gov.in

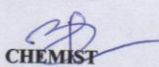
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		DL receipt no.		26	
		Date of analysis started		29/04/25	
		Date of analysis completed		30/04/25	
		Sampled by		Customer	
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1	2	3	4	5	6	7						
12	Fluoride as F ⁻	APHA :2024	4500-F-C	mg/l.	1	1.5	-	-	-	-	-	-
13	Residual Chlorine	-	-	mg/l.	0.2	1	0.0	-	-	-	-	-
14	Sulphate as SO ₄ ²⁻	IS:3025	Part- 24	mg/l.	200	400	19.5	-	-	-	-	-
15	Nitrate as NO ₃	APHA :2024	4500-NO ₃ -B	mg/l.	45	45	10.63	-	-	-	-	-
16	Iron as Fe	APHA :2024	3500-Fe-B	mg/l.	1.0	1.0	0.176	-	-	-	-	-
17	E.coli	APHA :2024	9222-J	CFU/100 ml	Nil	Nil	Nil	-	-	-	-	-

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CHEMIST
Water Testing Laboratory
P.H.E Sub Div. Mahasamund (C.G)