

District Water Testing Laboratory
Public Health Engineering Department, Div. Korba
Near ITI Chowk Rampur, Korba (C.G.)
e-mail:- dwtlabkrb@gmail.com , phone no. 07759296503

Test Report

Report no. DL/PHED/KRB. - 154	Discipline:- Chemical Testing	Group:- Drinking Water	
Principal DDM Public School Korba Block - Korba	Senders letter no./Date	REF NG- DDM/PSK/2026- 27/CERT DATED- 25.08.2026	Staff DDM Public School Korba
	Sample collection date	25.08.2026	Sample Collected at -
	DL receipt no.	300	Sampling Plan & procedure
	Date of analysis started	25.08.2026	DL Receipt date
			Date of analysis completed

Sample Details

S No.	Sample ID	District/Block	City/Village	Habitation	Location/Source ID/GPS Identification
1	DL-KRB-300-4511-082026	Korba/Korba	Korba	-	DDM Public School Korba.

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

S. No.	Parameters	Test method IS:3025/APHA 24 th 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	APHA24 th ed	2120-B	Hazen Unit	5	15	3				
2	Odour	IS:3025	Part 5-(2018)	-	Agreeable	Agreeable	Agreeable				
3	Taste	IS:3025	Part 8-(2023)	-	Agreeable	Agreeable	Agreeable				
4	TDS (Total Dissolved Solids)	APHA24 th ed	2540-C	mg/l.	500	2000	150.0				
5	Chloride as Cl-	IS:3025	Part-32(2025)	mg/l.	250	1000	23.90				
6	Alkalinity as CaCO ₃	IS:3025	Part-23	mg/l.	200	600	63.87				
7	Total Hardness as CaCO ₃	IS:3025	Part-21	mg/l.	200	600	78.16				
8	Calcium as Ca ²⁺	IS:3025	3500-Ca-B	mg/l.	75	200	18.47				
9	Magnesium as Mg ²⁺	APHA24 th ed	3500 Mg-B	mg/l.	30	100	7.79				
10	pH	IS:3025	Part-11	pH Scale	6.5-8.5	No Relaxation	6.84				
11	Turbidity	IS:3025	Part-10	NTU	1	5	1.17				

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

Tested By:
Sonika Maitry

Technical Head
D.W.T. Lab Korba(C.G.)
Issue no./date 154/31.08.2026

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End Of Report

Reviewed And Authorized By
Aparna Jha
Authorized Signatory
D.W.T. Lab Korba(C.G.)

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Test Report

Report no. DL/PHED/KRB. - 154	Discipline:- Chemical Testing	Group:- Drinking Water		
Principal DDM Public School Korba Block - Korba	Senders letter no./Date	REF NO- DDM/PSK/2026- 27/CERT DATED- 25.08.2026	Sampled by	Staff DDM Public School Korba
			Sample Collected at -	-4 °C/24 Hour Transported in Ice Box
	Sample collection date	25.08.2026	Sampling Plan & procedure	Sampling is not done by laboratory staff
	DL receipt no.	300	DL Receipt date	25.08.20256
	Date of analysis started	25.08.2026	Date of analysis completed	27.08.2026

Sample Details

S No.	Sample ID	District/Block	City/Village	Habitation	Location/Source ID/GPS Identification
1	DL-KRB-300-4511-082026	Korba/Korba	Korba	-	DDM Public School Korba.

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

S. No.	Parameters	Test method IS:3025/APHA 24 th 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					
12	Sulphate as SO4--	IS:3025	Part-24	mg/l.	200	400	-				
13	Nitrate as NO3-	APHA24 th ed	4500-NO3-B	mg/l.	45	No Relaxation	-				
14	Iron as Fe2+	APHA24 th ed	3500-Fe-C	mg/l.	01	No Relaxation	0.13				
15	Fluoride as F-	APHA24 th ed	4500-F-C	mg/l.	01	1.5	0.08				
16	Residual Chlorine	-	-	mg/l.	0.2	1	0.0				
17	Specific Conductivity	IS:3025	Part-14	µS/cm	500	2000	235.4				

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 - 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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Technical Head

D.W.T. Lab Korba(C.G.)

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Bacteriological Test Report

Report no. DL/PHED/KRB. - 154	Discipline:- Chemical Testing	Group:- Drinking Water		
Principal DDM Public School Korba Block - Korba	Senders letter no./Date	REF NO- DDM/PSK/2026- 27/CERT DATED- 25.08.2026	Sampled by	Staff DDM Public School Korba
	Sample collection date	25.08.2026	Sample Collected at -	-4 °C/24 Hour Transported in Ice Box
	DL receipt no.	300	Sampling Plan & procedure	Sampling is not done by laboratory staff
	Date of analysis started	25.08.2026	DL Receipt date	25.08.2026
			Date of analysis completed	27.08.2026

Sample Details

S No.	Sample ID	District/Block	City/Village	Habitation	Location/Source ID/GPS Identification
1	DL-KRB-300-4511-082026	Korba/Korba	Korba	-	DDM Public School Korba.

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

S. No.	Parameters	Test method IS:3025/APHA 24 th ed.		unit	As per IS-10500- 2012(Second Rev) for drinking water		Results				
		method	Part no.		Accepta b le Limit	Permiss i ble Limit	1	2	3	4	5
1	2	3	4	5	6	7					
1	E.Coli	APHA / IS	-	Cfu/10 Oml.	Nil	Nil	Nil				
2	Total Coli	APHA / IS	-	Cfu/10 Oml.	Nil	Nil	Nil				

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 sources will have to be rejected.
 3. The results refer only to tested samples and parameters.
 4. Samples will be stored for a period of 10 days from date of issue of report.
 5. 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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