



Test Report

District Level Water Analysis Laboratory, UP Jal Nigam(Rural) CHITRAKOOT

Report No.	Test Report/Exe. Eng .Con. Divi. /Chemical Test//2025-26	Issue Date	02/06/2025	Page No	1	
Customer Details						
Office Name and Address	District Level Water Analysis Laboratory UP Jal Nigam Chitrakoot 210205					
Ref Later No& date	-					
Basic details of sample						
District	Chitrakoot	Block	Karwi			
Gram Panchayat	Shivrampur	Village	Shivrampur			
Habitation	Borewell	Location	Sant Thomas School			
Water Source	Borewell	Sample Code	CKTD-77			
Quantity of sample	1.0 Ltr.	Date of Sample Collection	30/05/2025			
Receiving Date	30/05/2025	Sample Collector	Amardeep srivastava			
Sample Depositor	Amardeep srivastava	Sample Method Used	IS:17614:P-1:2021			
Analysis start Date	31/05/2025	Analysis Completion Date	01/05/2025			
Environmental Condition						
Temperature	25±3C	Humidity	50±15%			
Technical Data of Analysis						
Sr .No.	Analyzed Parameters	Unit of Measurement	Observed Value	Limits of IS:10500-2012		Reference Method of Analysis
				Desirable Limit (Max)	Permissible Limit in the Absence of Alternate Source (Max)	
1.	pH	-	7.02	6.5-8.5	No relaxation	IS:3025(Part-11)-1983
2.	Total Hardness(as CaCO ₃)	mg/l	184	200	600	IS 3025(Part 21) :2009
3.	Total Alkalinity(as CaCO ₃)	mg/l	178	200	600	IS 3025(Part 23) :2023
4	Colour	Hazen	<5	5	15	APHA 24 th Edition 2120 Colour Method B Platinum Cobalt Visual Comparison-2023
5	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5):2022
6	Tast	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part 8):2023
7	Turbidity	NTU	0.40	01	05	IS 3025 (Part 10):2023
8	Total Dissolve Solids	mg/l	487	500	2000	IS 3025 (Part 16):2023
9	Sulphate (asSo ₄)	mg/l	297	200	400	APHA 24 th Edition-4500-SO ₄ Method E (Turbidity Method 2023
10	Nitrate (asNo ₃)	mg/l	41.53	45	NO Relaxation	APHA 24 th Edition-4500-NO ₃ Method B (UV Screening Method 2023
11	Iron	mg/l	0.04	1.0	NO Relaxation	APHA 24 th Edition-3500-Fe Method B
12	Fluoride	mg/l	0.6	1.0	1.50	APHA 24 th Edition-4500-F Method C (Electrode Method 2023)
13	Chloride	mg/l	34.98	250	1000	IS 3025 (Part 32):1988

*BDL-Below Detection Limit.

- Note - 1. This Certificate refers only to the particular samples submitted for testing.
2. This Certificate shall not be reproduced, except in full, unless written permission for publication of an approved abstract.
3. The test results reported in this certificate are valid at the time of and under the started condition of measurements.
4. Sample will be Stored up to 7days (in case of non perishable items only) From the date of issue of tests reports.

Fr. Bantim

PRINCIPAL
ST. THOMAS SR. SEC. SCHOOL
KARWI (U.P.)



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Chandra Prabha Singh
(Technical manager)




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ST. THOMAS SR. SEC. SCHOL.
KARWI (U.P.)

****END OF THE REPORT****



MANAGER
ST. THOMAS SR. SEC. SCHOOL
KARWI (U.P.)