



Analysis Report

District Level Water Analysis Laboratory,

Uttar Pradesh Jal Nigam, (Rural), Ghazipur, 233001

Report No GZP/DW/23/08/452 Date 03.08.2023 Page No 1/1

Customer Details

Office Name and Address Sunbeam School, Maharajganj, Ghazipur - 233001

Ref. Letter No. & Date SBS/GZP/GEN Date- 01/08/2023

Basic details of sample

District GHAZIPUR Block Ghazipur

Gram Panchayat Maharajganj Village Maharajganj

Habitation Maharajganj Location Sunbeam School, Maharajganj, Ghazipur

Water Source Drinking water Sample No. 452

Quality of Sample 1000ml Date of S.C. 01/08/2023

Receiving Date 02/08/2023 S. Collector Client

Sample Depositor Sanjay Kumar

Analysis Start Date 02/08/2023 Analysis Completion Date 03.08.2023

Technical Data of Analysis

S. No.	Analyzed parameters(Unit of Measurement)	Observed Value	Specified Values as per BIS		Ref. Method of Analysis
			Acceptable Limit	Permissible Limit	
1	2	3	4	5	6
1	pH	7.06	6.5-8.5	6.5-8.5	IS 3025 (Part 11): 2012
2	Turbidity (NTU)	2.01	1	5	IS 3025 (Part 10): 2012
3	TDS (Mg/L)	485	500	2000	IS 3025 (Part 16): 2018
4	Chloride (Mg/L)	359.8	250	1000	IS 3025 (Part 32): 2014
5	Total Alkalinity (Mg/L)	420	200	600	IS 3025 (Part 23): 2018
6	Total Hardness (Mg/L)	300	200	600	IS 3025 (Part 21): 2019
7	Residual Chlorine (FRC)	0.02	0.2	1	IS 3025 (Part 26): 2003
8	Calcium (as Ca)	125	75	200	IS 3025 (Part 40): 2019
9	Magnesium (as Mg)	42.52	30	100	IS 3025 (Part 46): 2019
10	Sulphate (Mg/L)	18.00	200	400	IS 3025 (Part 24): 2009
11	Nitrate (Mg/L)	23.00	45	45	APHA 23 Edition 2017, Meth, 4500 NO ₃ B
12	Fluoride (Mg/L)	0.01	1	1.5	IS 3025 (Part 60): 2008 (electro. Chem. Probe Meth.)
13	Iron (Mg/L)	0.1	1.0	1.0	IS 3025 (Part 53): 2003(1.10 Phenolphthalein Method)
14	E. coli (CFU)	Nil	Absent	Absent	IS 15185:2016

- Note :-
1. This certificate refers only to the particular sample (S) submitted for testing.
 2. This certificate shall not be reproduced, except in full, unless written permission for the publication of an approved abstract has been obtained from Head of Laboratory.
 3. The test results reported in this certificate are valid at the time of and under the stated conditions of measurements.
 4. Sample will be stored up to 15 days (in case of non perishable items only) from the date of issue

Report Prepared by

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