



Water Analysis Report
Regional Water Analysis Laboratory,
Khand Karyalaya, U.P. Jal Nigam, (Rural) Tulapur Pani ki Tanki, Jhunsi,
Prayagraj - 211019
"Test Report"

Report No- Chemical Test/ 2936/2024-25 Date- 23-04-2024 Page No-2936

Customer details

Office Name and Address New Era public school, Jorwat, Khiri, Koraon
Ref Letter No & Date Contact No. 9559541950

Basic Details of Sample

District	Prayagraj	Block	Koraon
Gram Panchayat	Jorwat	Village	Jorwat
Habitation		Location	New Era public school
Type of Source	Tubewell	Sample No	24042936
Quantity of Sample	Normal 1000(ml)	Date of S.C.	19-04-2024
Receiving Date	19-04-2024	S. Collector	
Ref. Method of Sampling	IS 3025 (Part 1): 1987	Contact No.	
Analysis Start Date	22-04-2024	Analysis Completion date	23-04-2024

Test Report

S.No	Analysed parameters	Observed Value	Specification as per IS 10500:2012		Ref. Method of Analysis
			Acceptable Limit	Permissible	
1	2	3	4	5	6
1	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part 8): 2023
2	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5): 2018
3	Colour (CU)	NT	5	15	APHA 24th Ed., 2023, 2120-color-B, (Visual Color Comparison Method)
4	pH at (25° C)	8.45	6.5-8.5	6.5-8.5	IS 3025 (Part 11): 2022 (Electrometric Method)
5	Turbidity (NTU)	1.69	1	5	IS 3025 (Part 10): 2023
6	Total Dissolved Solids (mg/l) at (180° C)	514.1	500	2000	IS 3025 (Part 16): 2023
7	Chloride (mg/l)	86.6	250	1000	IS 3025 (Part 32): 2019 (Argentometric method)
8	Total Alkalinity (as CaCO ₃) (mg/l)	440	200	600	IS 3025 (Part 23): 2023
9	Total Hardness (as CaCO ₃) (mg/l)	328	200	600	IS 3025 (Part 21): 2019
10	Calcium (as Ca) (mg/l)	68.9	75	200	IS 3025 (Part 40): 2023
11	Magnesium (asMg) (mg/l)	37.9	30	100	IS 3025 (Part 46): 2023
12	Sulphate (mg/l)	34	200	400	APHA 24th Ed., 2023, 4500-SO ₄ -E (Turbidimetric Method)
13	Nitrate (mg/l)	1.01	45	No relaxation	APHA 24th Ed., 2023, 4500-NO ₃ -B (Ultraviolet Spectrophotometric Screening Method)
14	Fluoride (mg/l)	0.95	1	1.5	APHA 24thEd., 2023, 4500-F-C (Ion Selective Electrode Method)
15	Iron (mg/l)	0.18	1	No relaxation	APHA 24th Ed., 2023, 3500-Fe-B (Phenanthroline Method)

BDL-Below Detection Limit, NT- Not Tested

- 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.
 5. Sample will be stored up to 07 days (in case of non perishable items only) from the date of issue of test reports unless otherwise specified.

Nuku
(Technical Manager)

Reviewed by

Archana Verma
Archana Verma

Authorized Signatory

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

