



District Level Water Analysis Laboratory Uttar Pradesh Jal Nigam (Rural), Meerut

Issue No:03

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17.10.2024

Revision No:00

Test Report

Report Issue Date	08.04.2026		
URL	N/A		
Letter No.	-	Date	04.04.2026
Customer Name and Address	BALERAM BRIJBHUSHAN SARASWATI SHISHU MANDIR SENIOR SECONDARY SCHOOL D-BLOCK SHASTRI NAGAR, MEERUT.		
Report No.	MRT/465		

Sampling Method ISO 17614 (Part - 1) : 2021

Sample Description:- Liquid transparent and colourless liquid received at ambient condition.

Basic Details of Sample

District	MEERUT	Block	-
Gram Panchayat	-	Village	-
Habitation	-	Location	BALERAM BRIJBHUSHAN SARASWATI SHISHU MANDIR SENIOR SECONDARY SCHOOL D-BLOCK SHASTRI NAGAR, MEERUT.
Water Source	TAP WATER	Sample ID	M/26/04/P465
Sample Collector	JONI CHAUDHARY	Date of sampling.	06.04.2026
Depositor	JONI CHAUDHARY	Receiving Date	06.04.2026
Discipline Sample	Chemical	Analysis Start Date	07.04.2026
Packaging Type	Plastic bottle	Analysis Completion Date	08.04.2026
Group	Water	Quantity	1 Liter
Temperature (25± 3)°C	25°C	Humidity (50%± 15%)	45%

Technical Data of Analysis

SR. 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 @25°C	7.73	6.5-8.5	6.5-8.5	IS 3025 (Part 11): 2022 (Electrometric Method)
2	Turbidity (NTU)	1.94	1.00	5.00	IS 3025 (Part 10): 2023 (Nephelometer Method)
3	TDS, mg/l	282	500	2000	IS 3025 (Part 16): 2017(Gravimetric Method)
4	Chloride (as Cl), mg/l	28	250	1000	IS 3025 (Part 32): 2019(Titration Method)
5	Total Alkalinity (as Na ₂ CO ₃), mg/l	88	200	600	IS 3025 (Part 23): 2019(Titration Method)
6	Total Hardness (as CaCO ₃), mg/l	140	200	600	IS 3025 (Part 21): 2019 (Titration Method)
7	Calcium (as Ca), mg/l	22.4	75	200	IS 3025 (Part 40): 2019
8	Magnesium (as Mg), mg/l	20.16	30	100	IS 3025 (Part 46): 2019
9	Sulphate (as SO ₄), mg/l	17.64	200	400	APHA 23 RD Ed 2017, 4500-SO ₄ (E. Turbidimetric Method)
10	Nitrate (as NO ₃), mg/l	9.64	45	No Relaxation	APHA 23 RD Ed 2017, 4500-NO ₃ (B. Ultraviolet Spectrophotometric Screening Method)
11	Fluoride (as F), mg/l	0.294	1.0	1.5	APHA 23 RD Ed 2017, 4500-F (C. Ion Selection Electrode Method)
12	Iron (as Fe), mg/l	0.06	1.0	No Relaxation	APHA 23 RD Ed 2017, 3500-Fe (B Phenanthroline Method)
13	Colour	0	5HU	15HU	APHA 23 RD Ed 2021 Colour Method (Platinum cobalt Visual Comparison):2017
14	Taste	Satisfactory	Qualitative	-	IS 3025 (Part 08): 2017
15	Odour	Satisfactory	Qualitative	-	IS 3025 (Part 05): 2018
16	Conductivity	-	<2500	No rel.	Standard Value as per WHO (2017)
17	Free residual chlorine	0.05	0.2	1	IS 3025 (Part 26)
18	Total Coliform CFU/100 ml	ABSENT	No Relaxation	No Relaxation	APHA 23 Edition:2017
19	E.Coli CFU/100 ml	ABSENT	No Relaxation	No Relaxation	APHA 23 Edition:2017

Note:

1. 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 07 days (in case of non-perishable items only) from the date of issue of tests reports unless otherwise specified.
5. Water Sample is not collected by us.

Chemist

Junior Engineer

Assistant Engineer

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