



Analysis Report



District Level Water Analysis Laboratory, U.P Jal Nigam (Rural), BAHRAICH
Plot No. 2763, Jal Nigam Colony, Jail Road Bahraich, Uttar Pradesh-271801

Rept No.140 Chemical Test /DWLT202339 Date 23/6/2023 S.No. 140 Page No. 1/1

ULR No. TC99232300000048F

Customer Details: KENDRIYA VIDYALAYA

Office Name and Address of Kendriya Vidyalaya 59 BN SSB Nanpara Bahraich Pincode 271865

Ref Letter No & Date Nil

Basic details of sample

District	Bahraich	Block	
Gram Panchayat		Village	
Habitation		Location	Kendriya Vidyalaya 59 BN SSB Nanpara B
Water Source	TapWater	Sample No.	DWLT202339
Quantity of Sample	500 ml	Date of Col.	20/6/2023
Receiving Date	20/6/2023	Sample Col.	
Sample Depositer			
Analysis Start Date	20/6/2023	Analysis Completion Date	23/6/2023

Environmental Condition

Temperature	25±2°C	Relative Humidity	Upto 70%
-------------	--------	-------------------	----------

Technical Data of Analysis

S.No.		Units	Observed Value	Specified Values as		Ref. Method of Analysis
				Acceptable Limit	Permissible Limit	
1	2	3	4	5	6	7
1	pH	-	8.01	6.5-8.5	6.5-8.5	IS 3025 (Part II):1983:2021(Electrometric Method)
2	Turbidity	(NTU)	0.97	1.00	5.00	IS 3025 (Part 10):1984:2021 (Nephelometer)
3	TDS	(mg/L)	414	500	2000	IS 3025 (Part 16):1984:2021 (Gravimetric)
4	Chloride	(mg/L)	10	250	1000	IS 3025 (Part 32):1988:2021 (Titration)
5	Total Alkalinity	(mg/L)	202	200	600	IS 3025 (Part 23):1986:2021 (Titration)
6	Total Hardness	(mg/L)	172	200	600	IS 3025 (Part 21):2009:2021 (Titration)
7	Sulphate	(mg/L)	0	200	400	IS 3025(Part 24):1986:2021 (Spectrophotometer)
8	Nitrate	(mg/L)	1.88	45	45	IS 3025(Part 34):1988:2021 (Spectrophotometer)
9	Fluoride	(mg/L)	0	1	1.5	IS 3025(Part 60):2008:2021 (Ion-Selective Electrode)
10	Iron	(mg/L)	0.39	1.0	1.0	IS 3025(Part 53):1984:2021 (Spectrophotometer)
11	Arsenic	(mg/L)	0	0.01	0.01	IS 3025(Part 37):1984:2021 (Spectrophotometer)

- 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 7 days (in case of non perishable items only) from the date of issue of tests reports unless otherwise specified.
 5. This is certify that on the basis of above observation water sample is Fit for Drinking purpose.
 6. BDL: Below Detection Limit.

Prepared By

(Mohd. Islahul Haq)
Lab Technician

Technical Manager
Authorized Signatory
District Level Water Analysis Laboratory
Bahraich UPJN

(Shamshad Ahmad)
Technical Manager

Laboratory Contact details-Email-eebahraichlab@gmail.com, Mob-8382064686

Principal
के.वि. नानपारा / K.V. Nanpara
बहराइच / Bahraich