

Water Analysis Report



District Level Water Analysis Laboratory

(An NABL Accredited Laboratory)

Office of Executive Engineer, Khand Karyalya, Opposite SMTD College
Ballia-277001



TC-12228

Report No. TC/BUI/MAR24/41	Date: 21/03/2024	No. of Pages: 1
Customer Details		
Office Name and Address	R.B.CHILDREN'S VALLEY SCHOOL	
Ref. Letter No. & Date	Tempetrature/Humidity:(25.4°)/44%	
Basic Details of Sample		
District	BALLIA	Block
Gram Panchayat	MUJOUNA,TURTIPAR	Village
Habitation	MUJOUNA,TURTIPAR	Location
Water Source	SUMMERSIBLE	Sample Code
Quantity of Sample	1000 ML	Sampling date
Sample Received Date	21/3/2024	S. collected by
Sampling Method Used	IS 17614 (Part 3):2022	Sample Depositor
Analysis Start Date	21.03.2024	Analysis Completion date

S. No.	Analysed Parameters	Observed Value	Specification as per IS 10500:2012 (Second Revision)		Ref. Methods of Analysis
			Acceptable Limit	Permissible Limit	
1	2	3	4	5	6
1	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5): 2018
2	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part 8): 2023
3	pH	7.27	6.5-8.5	6.5-8.5	IS 3025 (Part 11): 2022, Electrometric Method
4	Turbidity (NTU)	2.79	1	5	IS 3025 (Part 10):2023 (Nephelometric method)
5	Total Dissolved Solids, mg/l	262.00	500	2000	IS 3025 (Part 16): 2023 (Gravimetric method)
6	Chloride (as Cl), mg/l	11.98	250	1000	IS 3025 (Part 32): 2019 Argentometric method
7	Total Alkalinity, (as CaCO3) mg/l	146.00	200	600	IS 3025 (Part 23): 2023 (Potentiometric and indicator method)
8	Total Hardness, (as CaCO3)	252.00	200	600	IS 3025 (Part 21): 2019 (EDTA method)
9	Calcium (as Ca), mg/l	47.21	75	200	IS 3025 (Part 40): 2019 EDTA Titrimetric method
10	Magnesium (as Mg), mg/l	33.04	30	100	IS 3025 (Part 46): 2023 (Volumetric method)
11	Sulphate (as SO4), mg/l	6.64	200	400	APHA 24rd Edition -4500-SO4 Method E (Turbidimetric Method): 2023
12	Nitrate (as NO3), mg/l	5.04	45	No relaxation	APHA 24rd Edition -4500- NO3 Method B (UV Screening Method): 2023
13	Fluoride (as F), mg/l	0.23	1.0	1.5	APHA 24rd Edition -4500-F Method C (Ion-Selective Electrode Method) : 2023
14	Iron (as Fe), mg/l	0.15	1.0	No relaxation	APHA 24rd Edition -3500-Fe Method B (Phenanthroline Method) : 2023
15	Total Arsenic (as As), mg/l	BDL	0.01	No relaxation	APHA 24rd Edition -3500 Method B (Silver Diethyldithiocarbamate Method): 2023

All These parameters are under NABL Scope, BDL-Below Detection Limit, NA- Not Analysed

- Note:** 1. This certificate refers only to the particular sample(s) submitted for analysis.
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 analysis results reported in this certificate are valid at the time of and under the stated conditions of measurements.
4. Sample(s) will be stored up to 07 days (in case of non-perishable items only) from the date of issue of analysis reports, unless otherwise specified.
5. Parameters above Permissible Limit are written in **bold**.
6. Sample(s) with any parameter value above Accepted Limit will only be used for oral consumption, if no other source is available.
7. Sample is Collected by Lab.

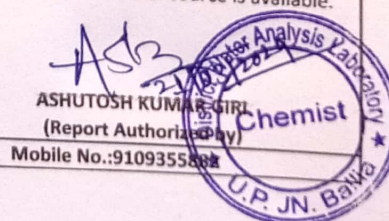
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*****END OF THE ANALYSIS REPORT*****



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