



CENTRAL POLLUTION CONTROL BOARD
REGIONAL DIRECTORATE - BENGALURU
A-Block, Nisarga Bhavan, 1st and 2nd Floors, 7th D Cross, Thimmaiah Road, Shivanagar,
Bengaluru-560079

Water Laboratory (ANALYSIS REPORT)

Fresh Water Samples for Physico-Chemical Analysis Report

Samples Registration No. & Date : RD-BEN/FW/2324/SR00001, 06/09/2023 Report No. & Date of Issue : ,01/01/0001
Analysis Request Division/Organization : RD Bengaluru Report sent to (Name, Mobile no. & Address of Indentor) : DH of RD Bengaluru
Sample Details : Sampling of River Tungabhadra, River Krishna, River Bhima at Hatcholli, Huvinhadgi, and Ganagapura, respectively. Sample Matrix : Fresh Water
Sample Collected by : ANANDHA N.S, Date & Time of Sample Receipt : 07/09/2023 18:08 PM
Sampling Plan Preference : RD-BEN/FW/2324/SP00001 Sample Analysis Period : 28/08/2023 to 01/09/2023
Report Status : Partial

Sr.No	Date of Sample Collection	Field Code	Color	K+	Na+	NO3- N	Total Hardness as CaCO3
3	23/08/2023	RD-BEN/FW/2324/SP00001		9	299		

BDL : Below Deduction Limit

Remarks (if any) :

Analyst

Supervisor & Reviewer

Issued By (DH Water-Lab)

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Statement :

1. The results relate only to the samples tested.
2. The report shall not be reproduced except in full without written approval of the laboratory
3. BDL & Test methods are mentioned on back side of this report.
4. Samples will be retained only for one week after receipt of Report.

Parameter Name	Test Method	Unit	Limit of Detection	Uncertainty of Measurement
Ammonical Nitrogen	IS: 3025 (Part - 34): 1988	mg/l	1	
BOD	APHA 5210 B, 23rd Ed. 2017, 4500 OC, (5 days at # @ " \) #	mg/l	2	0
Chloride	APHA 4500 - Cl B, 23rd Ed.: 2017	mg/l	2	0
COD	APHA 5220 B, 23rd Ed.: 2017	mg/l	4	0
Color	APHA 2120 C Spectrophotometric Method, 23rd Ed.: 2017	mg/l	5	
Conductivity	APHA 2510 - B, 23rd Ed.: 2017		5	
Fluoride	APHA 4500 - F D, 23rd Ed.: 2017	mg/l	0.1	0
K+	APHA 3500 K - B, 23rd Ed., 2018	mg/l	1	
Magnesium	APHA 3500 - Mg B, 23rd Ed.: 2017	mg/l	2	0
Na+	APHA 3500 Na - B, 23rd Ed., 2017	mg/l	1	
NO2-N			0.03	
NO3- N	APHA 4500 - NO3 B, 23rd Ed.: 2017	mg/l	0.5	
pH	APHA 4500 H+ - B, 23rd Ed.: 2017		1	

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Phosphate - P	APHA 4500 - PD, 23rd Ed.: 2017	mg/l	0.01	0
SAR			0.1	
Sulphate			4	0
TDS	APHA 2540 C, 23rd Ed.: 2017	mg/l	5	
TKN	4500 Inorganic B Macro kjeldahl method, 23rd Ed.: 2017	mg/l	5	0
Total Alkalinity	2320 B Titration Method, 23rd Ed.: 2017	mg/l	2	0
Total Hardness as CaCO ₃	2340 EDTA Titrimetric method, 23rd Ed.: 2017, APHA 2340 C, 23rd Ed.: 2017	mg/l	5	
Total Suspended Solids			5	0
Turbidity	2130 B Nephelometric Method, 23rd Ed.: 2017	NTU	4	0.00

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