



CENTRAL POLLUTION CONTROL BOARD
REGIONAL DIRECTORATE KOLKATA
502 Southend Conclave, 6th Floor, 1582 Rajdanga Main Road, Kolkata- 700107



Water Laboratory (ANALYSIS REPORT)
Fresh Water Samples for Physico-Chemical Analysis Report

ULR No: TC70012300000033F

TC-7001

Sr.No	Date of Sample Collection	Field Code	pH	Sulphate	Total Alkalinity	Total Dissolved Solids	Total Hardness as CaCO ₃	Total Suspended Solids	Zinc
1	03/10/2023	C - GW	7.2	4	317	326	262	B.D.L	51

Analyst

Supervisor & Reviewer

Issued By (DH Water-Lab)

Md Abdur Rafique

Abhijit Pathak

Doc: CB/RDK/TR/QR/7.8/1

Issue No.:01

Revision No :01

Issue Date:20/01/2020

Revision Date: 08/12/2022

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Arsenic	APHA 24th Ed. 3125 B Part 3000.233 to 242		5	
Calcium	APHA 23Ed. 3500-Ca B Part 3000.254 to 255	mg/l	4 mg/l	
Chemical Oxygen Demand	APHA 24th Ed. 5220 B. Part5000.544 to 545	mg/l	2 mg/l	
Chloride	APHA 24th ed. 4500-Cl B Part4000.340 to 341	mg/l	5 mg/l	
Chromium	APHA 24th Ed. 3125 B Part 3000.233 to 242		10 ppb	
Conductivity	APHA 24th Ed. 2510- B Part 2000.134 to 135		3 uS/cm	
Copper	APHA 24th Ed. 3125 B Part 3000.233 to 242		10 ppb	
Fluoride	APHA 24th. Ed. 4500-F D, Part 4000.400 to 401	mg/l	0.04 mg/l	
Iron	APHA 24th Ed. 3125 B Part 3000.233 to 242		10 ppb	
K+	APHA 24th Ed. 3500 K-B, Part 3000.279-281	mg/l	0.1 mg/l	
Magnesium	APHA 24th Ed. 3500-Mg B, Part 3000.274	mg/l	2 mg/l	
Manganese	APHA 24th Ed. 3125 B Part 3000.233 to 242		10 ppb	
Na+	APHA 24th Ed. 3500 Na-B, Part 3000.290-292	mg/l	0.1 mg/l	
Nickel	APHA 24th Ed. 3125 B Part 3000.233 to 242		10 ppb	
NO3- N	APHA 24th Ed. 4500-NO3 E, Part4000.438-440	mg/l	0.01 mg/l	
pH	APHA 24th Ed. 4500-H+B Part 4000.473-478		2	
Sulphate	APHA 24th Ed. 4500-SO4 E Part 4000.505-506	mg/l	4 mg/l	
Total Alkalinity	APHA 24th Ed. 2320-B Part 2000.112 to 114	mg/l as CaCO3	8 mg/l	# #\
Total Dissolved Solids	APHA 24th Ed. 2540 C Part 2000.145	mg/l	5 mg/l	
Total Hardness as CaCO3	APHA 24th Ed. 2340-C Part 2000.124 to 126	mg/l as CaCO3	10 mg/l	# #\

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Total Suspended Solids	APHA 24th Ed. 2540-D Part 2000.146 to 147	mg/l	5 mg/l
Zinc	APHA 24th Ed. 3125 B Part 3000.233 to 242		10 ppb

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