



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

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

Samples Registration No. & Date : RDKL/WW/2324/SR00022, 13/10/2023 Report No. & Date of Issue : RDKL/2324/WW/00024, 10/12/2023
Analysis Request Division/Organization : RD Kolkata Report sent to (Name, Mobile no. & Address of Indentor) : DH of RD Kolkata
Sample Details : Inlet , Outlet of ETP of Keventer Agro Ltd, Barasat Sample Matrix : Waste Water
Sample Collected by : Tofic Aslam, A. Kumar, A.K. Dubey, A.N. Thakur, T.K. Mukhopadhyay, O.P. Shaw Date & Time of Sample Receipt : 13/10/2023 16:55 PM
Sampling Plan Preference : RDKL/WW/2324/SP00017 Sample Analysis Period : 12/10/2023 to 10/11/2023
Report Status : Final

Sr.No	Date of Sample Collection	Field Code
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BDL : Below Deduction Limit

Remarks (if any) :

Bch. 5 hY Wb Wbf Ujcbg UfY YI dfYggYX' Jb'a [# YI Wdhid< UbX' 7cbXi Wfj]mflea \c#A# t. — flea \c#A# t

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	APHA 24th Ed. 4500-NH3 B Part4000.424 to 425 and 4500-NH3 C Part4000.425 to 426	mg/l	1mg/l	

Analyst

Supervisor & Reviewer

Issued By (DH Water-Lab)

Md Abdur Rafique

Abhijit Pathak

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Arsenic	APHA 24th Ed. 3125 B Part 3000.233 to 242		10 ppb	
Biochemical Oxygen Demand (20 deg. C for 5 days & 27 deg.C for 3 days)	APHA 24th Ed., 5210 B Part5000.533 to 537	mg/l	1 mg/l	
Cadmium	APHA 24th Ed. 3125 B Part 3000.233 to 242		10 ppb	
Calcium	APHA 23Ed. 3500-Ca B Part 3000.254 to 255	mg/l	4 mg/l	
Chemical Oxygen Demand	APHA 23th 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	umho/cm	3 uS/cm	
Copper	APHA 24th Ed. 3125 B Part 3000.233 to 242	ug/l	10 ppb	
Cyanide	APHA 24th Ed. 4500-CN C, Part 4000.370 (Distillation), 4500 CN E, Part 4000.372 (Colorimetric Method)	mg/l	0.01 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	
Lead	APHA 24th Ed. 3125 B Part 3000.233 to 242		10 ppb	
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	
Oil & Grease	APHA 24th Ed. 5520-B Part5000.572-574	mg/l	5 mg/l	
pH	APHA 24th Ed. 4500-H+B Part 4000.473-478		2	

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Phosphate - P	APHA 24th Ed. 4500-P D Part 4000.485-486	mg/l	0.01 mg/l	
SAR			1	
Sulphate	APHA 24th Ed. 4500-SO4 E Part 4000.505-506	mg/l	4 mg/l	
TKN	APHA 24th Ed. 4500-Norg Part 4000.452-453	mg/l	2 mg/l	
Total Alkalinity	APHA 24th Ed. 2320-B Part 2000.112 to 114	mg/l as CaCO ₃	8 mg/l	# #\
Total Dissolve Solids	APHA 24th Ed. 2540 C Part 2000.145	mg/l	5 mg/l	
Total Hardness as CaCO ₃	APHA 24th Ed. 2340-C Part 2000.124 to 126	mg/l as CaCO ₃	10 mg/l	# #\
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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