



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

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

Samples Registration No. & Date : RDKL/SSW/2324/SR00001, 12/10/2023 Report No. & Date of Issue : RDKL/2324/SSW/00060,06/11/2023
Analysis Request Division/Organization : RD Kolkata Report sent to (Name, Mobile no. & Address of Indentor) : DH of RD Kolkata
Sample Details : Sludge Drying Bed, Keveneter Agro Ltd, Barasat, West Bengal Sample Matrix : Soil & Solid Waste
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 16:58 PM
Sampling Plan Preference : RDKL/SSW/2324/SP00001 Sample Analysis Period : 31/10/2023 to 02/11/2023
Report Status : Final

Sr.No	Date of Sample Collection	Field Code	Arsenic	Cadmium	Cation Exchange Capacity	Chromium	Conductivity	Exchangeable Calcium	Exchangeable Magnesium	Exchangeable Potassium	Exchangeable Sodium	Exchangeable Sodium Percentage (ESP)	Iron (Fe)	Lead (Pb)	Manganese (Mn)	Mercury	Moisture
1	11/10/2023	S-1			0.9		4.0	0.43	0.2	0.02	0.02	2.6					78

BDL : Below Deduction Limit

Remarks (if any) :

Analyst

Supervisor & Reviewer

Issued By (DH Water-Lab)

Md Abdur Rafique

Abhijit Pathak

Doc: CB/RDK/TR/QR/7.8/4

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Revision No :01

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Nickel (Ni)	Organic Carbon	Soil pH	Zinc (Zn)
	65	5.2	

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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
Arsenic				
Cadmium				
Cation Exchange Capacity	Food and Agriculture Organization of the United Nations (FAO) 2021, Standard operating procedure for cation exchange capacity and exchangeable bases 1N ammonium acetate, pH 7.0 method, GLOSOLAN-SOP-17	meq/g		
Chromium				
Conductivity				
Exchangeable Calcium	Food and Agriculture Organization of the United Nations (FAO) 2021, Standard operating procedure for cation exchange capacity and exchangeable bases 1N ammonium acetate, pH 7.0 method, GLOSOLAN-SOP-17	meq/g		
Exchangeable Magnesium	Food and Agriculture Organization of the United Nations (FAO) 2021, Standard operating procedure for cation exchange capacity and exchangeable bases 1N ammonium acetate, pH 7.0 method, GLOSOLAN-SOP-17	meq/g		

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Exchangeable Potassium	Food and Agriculture Organization of the United Nations (FAO) 2021, Standard operating procedure for cation exchange capacity and exchangeable bases 1N ammonium acetate, pH 7.0 method, GLOSOLAN-SOP-17	meq/g		
Exchangeable Sodium	Food and Agriculture Organization of the United Nations (FAO) 2021, Standard operating procedure for cation exchange capacity and exchangeable bases 1N ammonium acetate, pH 7.0 method, GLOSOLAN-SOP-17	meq/g		
Exchangeable Sodium Percentage (ESP)	Richards, L.A., 1954. Diagnosis and Improvement of Saline and Alkali soils US Department of Agriculture	%		
Iron (Fe)				
Lead(Pb)				
Manganese(Mn)				
Mercury				
Moisture		%		
Nickel(Ni)				
Organic Carbon	Walkley, A. & Black I.A., 1934. An examination of the Degtjareff Method for Determining Soil Organic Matter, and a proposed Modification of the Chromic Acid Titration Method. Soil Science, 37(1): 29-38	%		
Soil pH	Food and Agriculture Organization of the United Nations (FAO) 2021, Standard operating procedure for soil pH determination, GLOSOLAN-SOP-06			
Zinc(Zn)				

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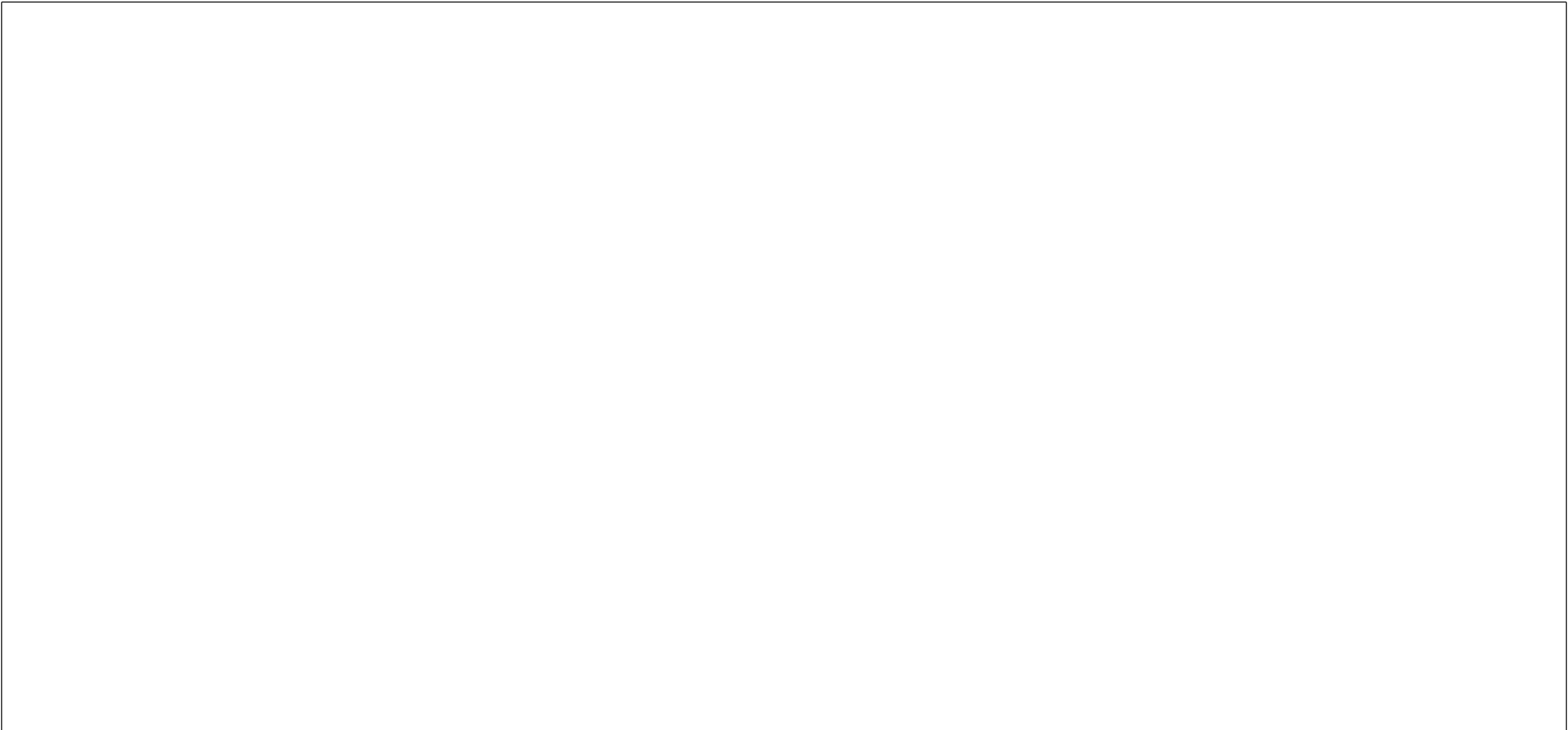
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