



ASIA ENVIRO LAB

(An ISO 9001:2015, 14001:2015, 45001:2018 & MOEF Approved Lab)

Job Description : Environmental Testing, ETP/STP Manufacturing, ETP/STP Plant Operation Pollution, NOC Etc.

Lab - H1-837, Near Pollution Control Board, RIICO Industrial Area, Bhiwadi, Distt. Alwar (Rajasthan)-301019

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Test Report of	Report Code	Date of Issue
Bottom Ash	MS-200323-02	27/03/2023

ISSUED TO: M/S LALITPUR POWER GENERATION COMPANY LIMITED
VILLAGE-MIRCHWARA-BUROGAON-CHIGLAUWA, BAR-BANPUR ROAD,
BLOCK BAR, LALITPUR- 284123 (U.P) INDIA

SAMPLING & ANALYSIS DATA

Sample Description	Bottom Ash
Sampling Location	Ash Silo
Date of Sample Drawn	18/03/2023
Sample Drawn By	Mr. Amit Kumar Sharma (Asia Envirolab)
Sample Quantity & Packing	1.0 kg in Zip Poly Bag
Sample Received On	20/03/2023
Analysis Duration	20/03/2023 to 27/03/2023

ANALYSIS TEST RESULT

S.No	Parameters	Result	Unit
	Moisture Content	20.81	% By Mass
ON OVEN DRY BASIS			
1.	Loss on Ignition	0.52	% By mass
2.	Total Silica Content (SiO ₂)	61.12	% By Mass
3.	Iron Oxide (as Fe ₂ O ₃)	7.71	% By Mass
4.	Aluminum Oxide (as Al ₂ O ₃)	17.88	% By Mass
5.	Calcium Oxide (CaO)	9.18	% By Mass
6.	Magnesium Oxide (MgO)	1.81	% By Mass
7.	Sodium Oxide (as Na ₂ O ₃)	0.52	% By Mass
8.	Potassium dioxide (as K ₂ O)	1.16	% By Mass
9.	Phosphate (as P ₂ O ₅)	0.59	% by mass
10.	Lead (as Pb)	10.88	mg/Kg
11.	Total Chromium (as Cr)	BDL	mg/Kg
12.	Mercury (as Hg)	BDL	mg/Kg
13.	Arsenic (as As)	BDL	Mg/Kg

CHECKED BY

AUTHORIZED SIGNATORY



Note: 1. The result listed refer only to the tested samples and applicable parameters.
2. Sample will be destroyed one month from the date of issue of test certificate.
3. Any complaints about this report should be communicated within 7 days of issue of this report
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