



Analyzing for an Assured Future

# NOIDA TESTING LABORATORIES

(A Government Approved Testing Laboratory)

An ISO 9001:2015 & 45001:2018 (OHSAS) Certified Laboratory

MOEF & CC (Ministry of Environment, Forest & Climate Change), UP PCB & HSPCB Recognized Laboratory

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## TEST CERTIFICATE

Test Report of	Report Code	Date of Issue
Bottom Ash	MS-140322-029	21/03/2022

Issued To: M/s Lalitpur Power Generation Company Limited  
 Address: Village- Mirchwara and Burogaon, Tehsil- Mahroni, Lalitpur-284123 (U.P)  
 India

### SAMPLING & ANALYSIS DATA

Sample Drawn On : 10/03/2022  
 Sample Received On : 14/03/2022  
 Sampling by : Mr. Umashankar Sharma (NTL)  
 Sampling Location : ASH SILO  
 Sample Description : Bottom Ash Dyke  
 Analysis Duration : 14/03/2022 to 21/03/2022

S.No	Parameters	Result	Unit
<b>Bottom Ash</b>			
<b>ON OVEN DRY BASIS</b>			
1.	Loss on Ignition	0.78	% By mass
2.	Total Silica Content (SiO <sub>2</sub> )	76.12	% By Mass
3.	Iron Oxide (as Fe <sub>2</sub> O <sub>3</sub> )	8.04	% By Mass
4.	Aluminium Oxide (as Al <sub>2</sub> O <sub>3</sub> )	16.55	% By Mass
5.	Calcium Oxide (CaO)	7.23	% By Mass
6.	Magnesium Oxide (MgO)	1.54	% By Mass
7.	Sodium Oxide (as Na <sub>2</sub> O <sub>3</sub> )	0.76	% By Mass
8.	Potassium dioxide (as K <sub>2</sub> O)	1.82	% By Mass
9.	Phosphate (as P <sub>2</sub> O <sub>5</sub> )	1.86	% by mass
	Lead (as Pb)	7.75	mg/Kg
10.			
11.	Total Chromium (as Cr)	BDL	mg/Kg
12.	Mercury (as Hg)	BDL	mg/Kg
13.	Arsenic (as As)	BDL	mg/Kg

#### Notes:

- The results given above are related to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.
- Responsibility of the Laboratory is limited to the invoiced amount only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the laboratory.
- The test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer.

CHECKED BY



AUTHORIZED SIGNATORY

Laboratory : GT-20, Sector-117, Noida Gautam Budh Nagar - 201301

Branch Office :

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