ITS TESTING LABORATORY PRIVATE LIMITED

Laboratory: A-114, Sector-80, Phase-II Noida, Gautam Budh Nagar - 201305, (U.P.)
(An ISO 9001: 2015, ISO 14001:2015 & ISO 45001:2018 Certified Laboratory)
Website: www.itslab.in, Email: itlrclab@gmail.com, info@itslab.in, contact@itslab.in
+91 9911659800, 9305780312, 09958849764

TEST REPORT

Test Report of	Report Code	Date of Issue
Bottom Ash	MS-130326-19	20/03/2026

ISSUED TO: MS LALITPUR POWER GENERATION COMPANY LIMITED
VILLAGE- MIRCHWARA AND BUROGAON, TEHSIL- MAHRONI,
LALITPUR-284123 (U.P) INDIA

SAMPLING & ANALYSIS DATA

Sample Received On	:	13/03/2026
Sampling Date	:	12/03/2026
Sampling Done by	:	Mr. Amit Sharma (ITS Teams Representative)
Sample Description	:	Bottom Ash
Analysis Duration	:	13/03/2026 to 20/03/2026

ANALYSIS TEST RESULT			
S.No	**Parameters**	**Result**	**Unit**
	Moisture Content	18.60	% By Mass
	ON OVEN DRY BASIS		
1.	Loss on Ignition	0.72	% By mass
2.	Total Silica Content (SiO_2)	60.2	% By Mass
3.	Iron Oxide (as Fe_2O_3)	7.10	% By Mass
4.	Aluminum Oxide (as Al_2O_3)	16.80	% By Mass
5.	Calcium Oxide (CaO)	9.60	% By Mass
6	Magnesium Oxide (MgO)	1.62	% By Mass
7.	Sodium Oxide (as Na_2O_3)	0.72	% By Mass
8.	Potassium dioxide (as K_2O)	1.80	% By Mass
9.	Phosphate (as P_2O_5)	0.81	% By mass
10.	Lead (as Pb)	13.0	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

ITS TESTING LABORATORY PVT. LTD.

Terms & Conditions :
1. Test reports are valid only for the samples tested in our laboratory. 2. Samples will destroyed as per quality policy.
3. Any complaints about the report should be communicated in writing within 7 days.
4. Total liability or our laboratory is limited to invoiced amount.

ITS TESTING LABORATORY PRIVATE LIMITED

Laboratory: A-114, Sector-80, Phase-II Noida, Gautam Budh Nagar - 201305, (U.P.)
(An ISO 9001: 2015, ISO 14001:2015 & ISO 45001:2018 Certified Laboratory)
Website: www.itslab.in, Email: itlrclab@gmail.com, info@itslab.in, contact@itslab.in
+91 9911659800, 9305780312, 09958849764

TEST REPORT

Test Report of	Report Code	Date of Issue
Fly Ash	MS-130326-20	20/03/2026

ISSUED TO: MS. LALITPUR POWER GENERATION COMPANY LIMITED
VILLAGE- MIRCHWARA AND BUROGAON, TEHSIL- MAHRONI,
LALITPUR-284123 (U.P) INDIA

SAMPLING & ANALYSIS DATA

Sample Received On	:	13/03/2026
Sampling Date	:	12/03/2026
Sampling by	:	Mr. Amit Sharma (ITS Teams Representative)
Sampling Location	:	ASH SILO
Sample Description	:	Fly Ash
Analysis Duration	:	13/03/2026 to 20/03/2026

ANALYSIS TEST RESULT

S.No	Parameters	Result	Unit
	Moisture Content	0.88	% By Mass
	ON OVEN DRY BASIS		
1.	Loss on Ignition	0.73	% By mass
2.	Total Silica Content (SiO2)	61.0	% By Mass
3.	Iron Oxide (as Fe2O3)	7.16	% By Mass
4.	Aluminum Oxide (as Al2O3)	16.7	% By Mass
5.	Calcium Oxide (CaO)	9.50	% By Mass
6	Magnesium Oxide (MgO)	1.36	% By Mass
7.	Sodium Oxide (as Na2O3)	0.71	% By Mass
8.	Potassium dioxide (as K_2O)	1.89	% By Mass
9.	Phosphate (as P2O5)	0.78	% by mass
10.	Lead (as Pb)	12.80	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

ITS TESTING LABORATORY PVT. LTD.

AUTHORIZED SIGNATORY

Terms & Conditions :
1. Test reports are valid only for the samples tested in our laboratory. 2. Samples will destroyed as per quality policy.
3. Any complaints about the report should be communicated in writing within 7 days.
4. Total liability or our laboratory is limited to invoiced amount.