



БАЯЖУУЛСАН НҮҮРСНИЙ ҮЗҮҮЛЭЛТ

№ ETT_WCS_SSCC



ISO 45001:2018



ISO 9001:2015



ISO 14001:2015



НИЙТ ЧИЙГ (ar)	ҮНСЛЭГ (db)	ДЭГДЭМХИЙ (daf)
$\leq 10.0\%$	$\leq 12.0\%$	$> 28.0\%$
НИЙТ ХҮХЭР (db)	БАРЬЦАЛДАХ ЧАДВАР	НҮҮРСНИЙ ХЭМЖЭЭ
$\leq 0.85\%$	≥ 75	32.0
		МЯН.ТН

ALS GROUP LLC
Mongol Nekhmei Building, 19nd khoroo
Chinggis Avenue, Khan-Uul District
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CLIENT:	Erdenes Tavantolgoi JSC
ADDRESS:	Finance Center, Jigjiday-8 1st khoroо, Chingeltei District Ulaanbaatar, Mongolia
ATTN:	Oyunbileg.B
PROJECT NO.	xxx
LAB. JOB NO.	ZSL15, L74, L92, L108, L126, L149-TT
NO. SAMPLES:	6
Notes/Comments:	xxx

SAMPLES RECEIVED: 1/12/2025 9/12/2025
INSTRUCTIONS RECEIVED: 1/12/2025 9/12/2025
DATE OF REPORT: 2/12/2025 10/12/2025
STATUS OF REPORT: FINAL
ANALYSIS COMPLETE: 2/12/2025 10/12/2025
PREPARATION CODE: CRUSH-01, 02; MILL-01
ANALYSIS CODE: 1. COKING COAL 2. THERMAL COAL 3. REJECT
COAL
MOIS, ASH, VOL, TSUL, GCV, TM.

APPROVED BY: Laboratory Manager
B. Bold-Erdene



These test results are representative only of the sample received in the laboratory.

STANDARD METHOD														
LAB NO.	SAMPLE NO.	GB/T 211	GB/T 212	GB/T 212	GB/T 212	ISO 19579	GB/T 213	GB/T 212	GB/T 212	GB/T 212	GB/T 212	ISO 19579	GB/T 213	
		AS RECEIVED BASIS					AIR DRIED BASIS							
		Total Moisture (TM)	Ash (ASH)	Volatile Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	Gross Calorific Value (GCV)	Moisture (MOIS)	Ash (ASH)	Volatile Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	Gross Calorific Value (GCV)	
		kcal/kg												
1	CHPP-CC 2025.12.01_com	10.82	9.68	25.97	53.54	0.55	6787	1.22	10.72	28.76	59.30	0.61	7517	
2	CHPP-CC 2025.12.05_com	9.88	9.86	25.98	54.29	0.57	6830	0.99	10.83	28.54	59.64	0.63	7503	
3	CHPP-CC 2025.12.06_com	10.80	10.27	25.57	53.37	0.57	6656	1.04	11.39	28.36	59.20	0.64	7384	
4	CHPP-CC 2025.12.07_com	10.56	11.64	24.40	53.56	0.64	6561	1.17	13.82	29.20	59.72	0.71	7389	
5	CHPP-CC 2025.12.08_com	11.91	10.39	25.15	52.55	0.65	6402	1.09	11.67	28.24	59.00	0.73	7413	
6	CHPP-CC 2025.12.09_com	9.43	10.14	26.10	54.33	0.67	6809	1.24	11.06	28.46	59.24	0.62	7465	

QUALITY ASSURANCE/QUALITY CONTROL DATA

STDL5WS-41/25	ASH	VOL	GCV	TSUL
Certified Value	10.93	20.61	7691	0.680
Standard Deviation	0.049	0.076	12	0.007
Unit	%	%	kcal/kg	%
Analyzed value	10.93	20.20	7692	0.681

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CERTIFICATE OF ANALYSIS
25L15, L74, L92, L108, L126, L149-TT

CLIENT: Erdenes Tavantolgoi JSC
ADDRESS: Finance Center, Jigjirdjav-8
1st khoroo, Chingelhai District
Ulaanbaatar, Mongolia
ATTN: Oyunbileg.B
PROJECT NO. xxx
LAB. JOB NO. 25L15, L74, L92, L108, L126, L149-TT
NO. SAMPLES: 6
Notes/Comments: xxx

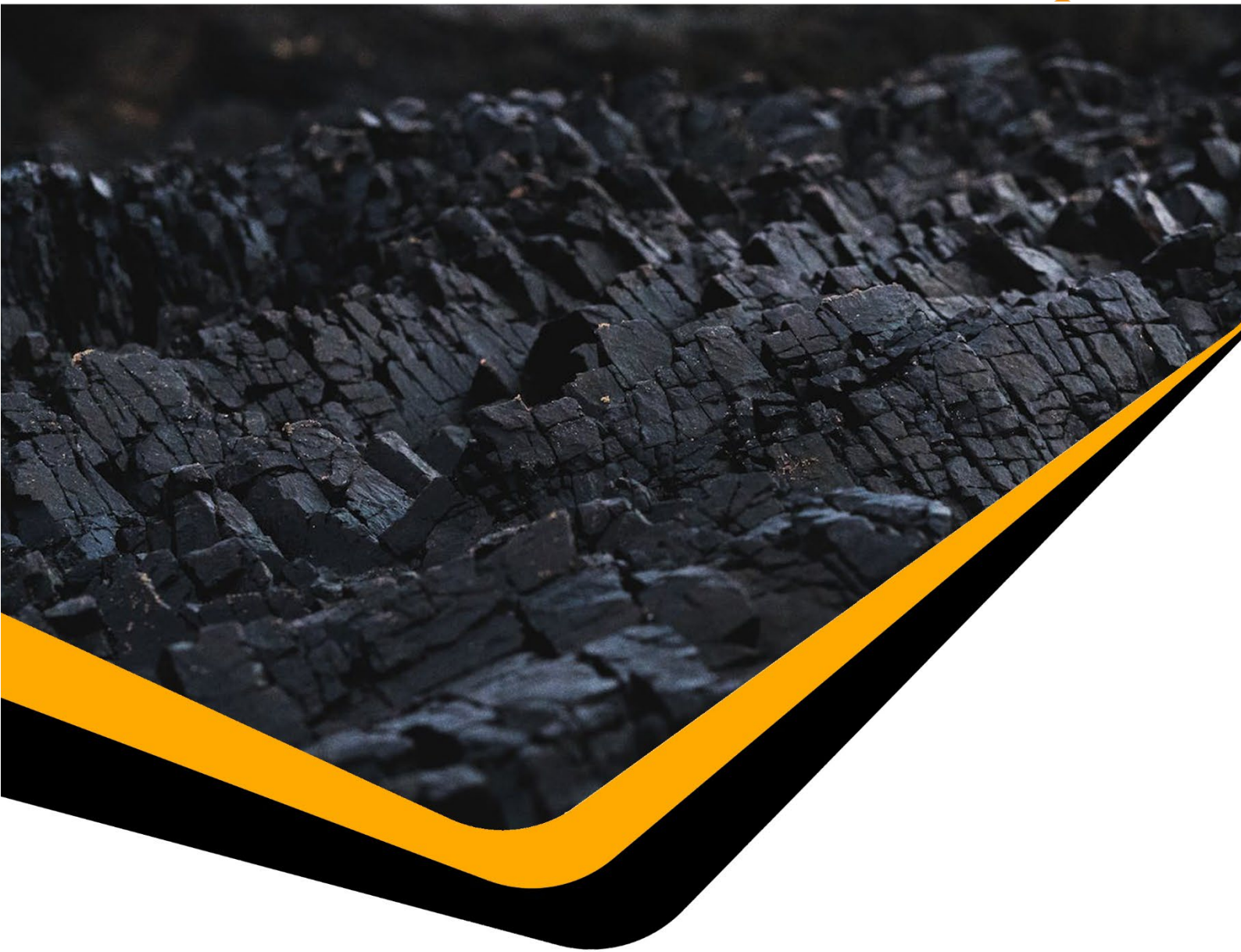
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STATUS OF REPORT: FINAL
ANALYSIS COMPLETE: 2/12/2025 10/12/2025
PREPARATION CODE: CRUSH-01, 02; MILL-01
ANALYSIS CODE: 1. COOKING COAL
2. THERMAL COAL
3. REJECT COAL
TM, MOIS, ASH, VOL, TSUL,
GC, CSN, OKIN

These test results are representative only of the sample received in the laboratory.

STANDARD METHOD		GB/T 212	GB/T 212	GB/T 212 DRY BASIS		ISO 19579	GB/T 213	GB/T 212	GB/T 212 DRY, ASH-FREE BASIS		ISO 19579	GB/T 213	GB/T 5448	GB/T 5447
LAB NO.	SAMPLE NO.	Ash (ASH)	Volatile Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	Gross Calorific Value (GCV)	Volatile Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	Gross Calorific Value (GCV)	Crucible Swelling Number (CSN)	Coal Caking Index (CKIN)		
		%				kcal/kg	%						kcal/kg	
1	CHPP-CC 2025.12.01.com	10.85	29.12	60.03	0.62	7610	32.66	67.34	0.69	8536	6.5	83	-	
2	CHPP-CC 2025.12.05.com	10.94	28.82	60.24	0.64	7578	32.36	67.64	0.71	8509	6.5	78	-	
3	CHPP-CC 2025.12.06.com	11.51	28.66	59.83	0.64	7462	32.39	67.61	0.73	8433	6.5	77	-	
4	CHPP-CC 2025.12.07.com	11.96	27.62	60.42	0.72	7467	31.37	68.63	0.82	8481	6.5	81	-	
5	CHPP-CC 2025.12.08.com	11.80	28.55	59.65	0.74	7495	32.37	67.63	0.84	8497	7.0	80	-	
6	CHPP-CC 2025.12.09.com	11.20	28.81	59.99	0.63	7561	32.45	67.55	0.71	8515	7.0	83	-	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.
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