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# БАЯЖУУЛСАН НҮҮРСНИЙ ҮЗҮҮЛЭЛТ

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№ ETT\_WCS\_SSCC

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ISO 45001:2018

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ISO 9001:2015

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ISO 14001:2015



НҮҮРСНИЙ ОВООЛГЫН ЧАНАРЫН ДУНДАЖ ҮЗҮҮЛЭЛТ

<p><b>НИЙТ ЧИЙГ (ar)</b></p> <p><b>≤10.0%</b></p>	<p><b>ҮНСЛЭГ (db)</b></p> <p><b>≤12.0%</b></p>	<p><b>ДЭГДЭМХИЙ (daf)</b></p> <p><b>&gt;28.0%</b></p>
<p><b>НИЙТ ХҮХЭР (db)</b></p> <p><b>≤0.85%</b></p>	<p><b>БАРЬЦАЛДАХ ЧАДВАР</b></p> <p><b>≥75</b></p>	<p><b>НҮҮРСНИЙ ХЭМЖЭЭ</b></p> <p><b>64.0</b></p> <p><b>МЯН.ТН</b></p>

НҮҮРСНИЙ ОВООЛГЫН ШИНЖИЛГЭЭНИЙ ҮР ДҮН

ALS GROUP LLC  
 Mongol Nakhmel Building, 19nd khoroo  
 Chinggis Avenue, Khan-Uul District  
 Ulaanbaatar, Mongolia  
 Tel +976 70 007667



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

CLIENT: **Erdenes Tavantolgoi JSC**  
 ADDRESS: Finance Center, Jigjidjav-8  
 1st khoroo, Chingeltei 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

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\_COOKING COAL 3\_REJECT COAL  
 MOIS, ASH, VOL, TSUL, GCV, FC, SFC, FCIN



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

LAB NO.	SAMPLE NO.	STANDARD METHOD											
		GB/T 211	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	6856	1.04	11.39	28.36	59.20	0.64	7384
4	CHPP-CC 2025.12.07_com	11.66	10.56	24.40	53.38	0.64	6596	1.17	11.82	27.30	59.72	0.71	7380
5	CHPP-CC 2025.12.08_com	11.91	10.39	25.15	52.55	0.65	6602	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	0.57	6849	1.24	11.06	28.46	59.24	0.62	7468

QUALITY ASSURANCE/QUALITY CONTROL DATA

STD/ALS-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	20.60	7697	0.681

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. COPY RIGHT PROTECTED DOCUMENT

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

**CLIENT:** Erdenes Tavantolgoi JSC  
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**Notes/Comments:** xxx

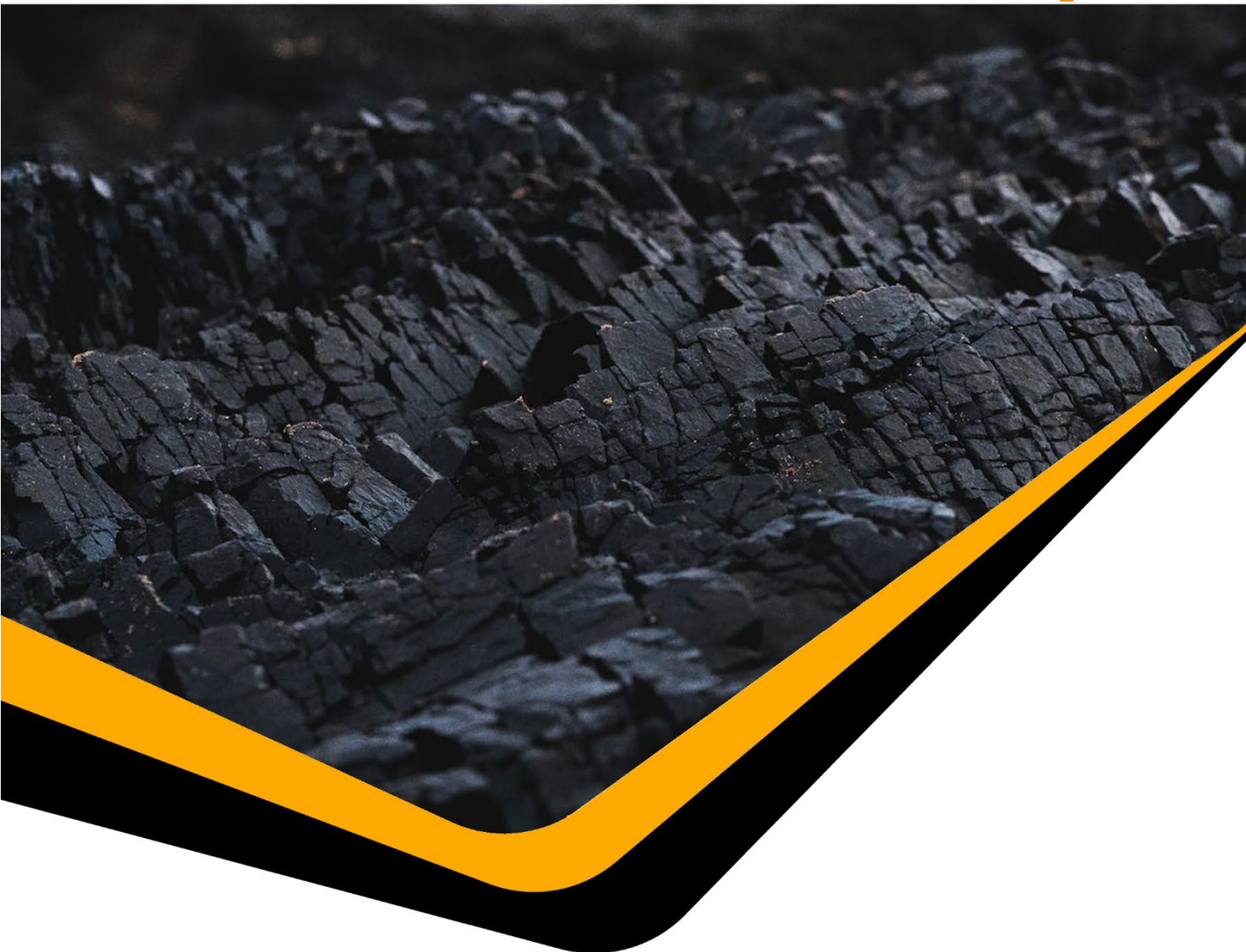
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**ANALYSIS CODE:** 1\_COOKING COAL  
2\_THERMAL COAL  
3\_REJECT COAL  
TM, MOIS, ASH, VOL, TSUL,  
GCV, CSIN, CFIN

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

LAB NO.	STANDARD METHOD	SAMPLE NO.	GB/T 212	GB/T 212	GB/T 212	ISO 19579	GB/T 213	GB/T 212	GB/T 212	ISO 19579	GB/T 213	GB/T 5448	GB/T 5447		
			DRY BASIS					DRY, ASH-FREE BASIS					Crucible Swelling Number (CSN)	Coal Caking Index (CKIN)	
			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)	5-1		3-3	
			%					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	-	

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