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# БАЯЖУУЛСАН НҮҮРСНИЙ ҮЗҮҮЛЭЛТ

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№ ETT\_WCS\_SSCC



ISO 45001:2018



ISO 9001:2015



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 National Building, 19nd khoroо  
Chinggis Avenue, Khan Uul District  
Ulaanbaatar, Mongolia  
Tel +976 70 097667



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

CLIENT: **Erdenes Tavantolgoi JSC**  
ADDRESS: **Finance Center, Jigjidjav-8  
1st khoroо, Chingelkei 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 2\_THERMAL COAL 3\_REJECT COAL  
MOIS, ASH, VOL, TSUL, GCV, TSUL

APPROVED BY: **B. Bold-Erdene**



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

LAB NO.	STANDARD METHOD	SAMPLE NO.	AS RECEIVED BASIS					AIR DRIED BASIS						
			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	
			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)
1	CHPP-CC 2025.12.01_com		10.62	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		11.66	10.56	24.40	53.38	0.64	6594	1.17	11.82	27.30	59.72	0.71	7360
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	0.57	6849	1.24	11.06	28.46	59.24	0.62	7468

QUALITY ASSURANCE/QUALITY CONTROL DATA

STD/ISWS-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

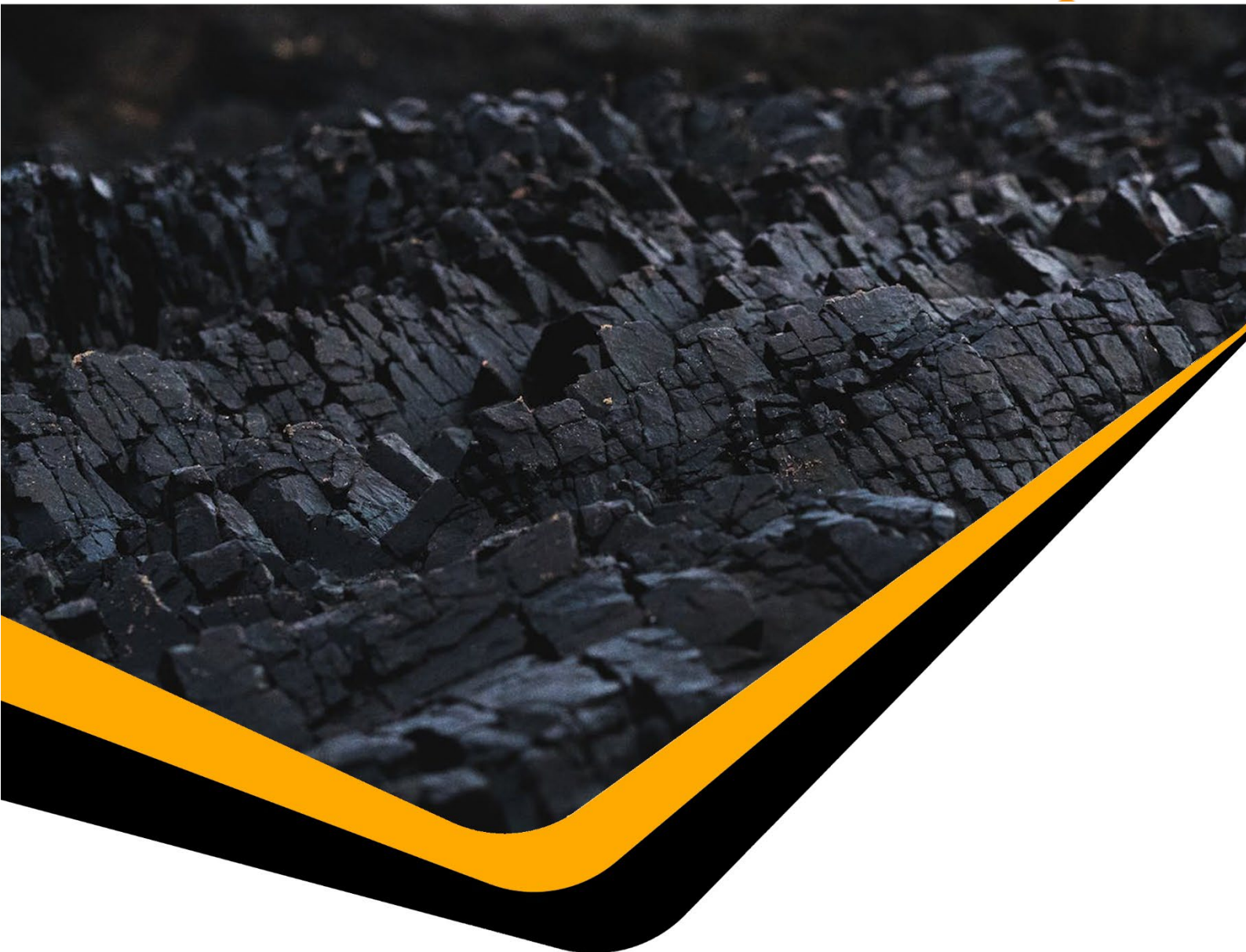
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**ANALYSIS COMPLETE:** 2/12/2025 10/12/2025  
**PREPARATION CODE:** CRUSH-01, 02, MILL-01  
**ANALYSIS CODE:** 1\_COOKING COAL  
2\_THERMAL COAL  
3\_RESIST COAL  
TM, MOIS, ASH, VOL, TSW,  
GCV, CSN, CFIN

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

LAB NO.	SAMPLE NO.	STANDARD METHOD					STANDARD METHOD					Crucible Swelling Number (CSN)	Coal Caking Index (CKIN)	
		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							
		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)				
		%			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	-	

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