



НҮҮРСНИЙ ОВООЛГЫН ҮЗҮҮЛЭЛТ

№ ETT_SP_TC



ISO 45001:2018



ISO 9001:2015



ISO 14001:2015



НҮҮРСНИЙ ОВООЛГЫН ЧАНАРЫН ДУНДАЖ ҮЗҮҮЛЭЛТ

<p>НИЙТ ЧИЙГ TM (ar)</p> <p>5.0% (-1.0; +3.0)</p>	<p>НИЙТ ХҮХЭР S(db)</p> <p>1.0% (-0.3; +0.5)</p>	<p>ДЭГДЭМХИЙ БОДИС VM (daf)</p> <p>34.0% (max)</p>	
<p>ИЛЧЛЭГ (ar)</p> <p>5500 (-500; +500)</p>	<p>ҮНСЛЭГ Ash (db)</p> <p>25.0% (-5.0; +3.0)</p>	<p>БАРЬЦАЛДАХ ЧАНАР</p> <p>≤5.0</p>	<p>НҮҮРСНИЙ ХЭМЖЭЭ</p> <p>32.0 МЯН.ТН</p>

НҮҮРСНИЙ ОВООЛГЫН ШИНЖИЛГЭЭНИЙ ҮР ДҮН

ALS GROUP LLC
Mongol Nekhmel Building, 2nd khoroo
Chinggis Avenue, Khan-Uul District
Ulaanbaatar, Mongolia
Tel +976 70 007667



CERTIFICATE OF ANALYSIS
25A198,A220-TT

CLIENT: Erdenes Tavantolgoi JSC
ADDRESS: Finance Center, Jigjidjav-8
1st khoroo, Chingeltei District
Ulaanbaatar, Mongolia
ATTN: Erkhembayar. M
PROJECT NO. xxx
LAB. JOB NO. 25A198,A220-TT
NO. SAMPLES: 4
Notes/Comments: xxx

SAMPLES RECEIVED: 19/01/2025 21/01/2025
INSTRUCTIONS RECEIVED: 19/01/2025 21/01/2025
DATE OF REPORT: 20/01/2025 22/01/2025
STATUS OF REPORT: FINAL
ANALYSIS COMPLETE: 20/01/2025 22/01/2025
PREPARATION CODE: CRUSH-01, 02; MILL-01
ANALYSIS CODE: 2.1 THERMAL COAL
TM, MOIS, ASH, VOL, TSUL,
GCV, CRN

APPROVED BY: Laboratory Manager

Quality Manager

CHECKED BY: Chief Chemist

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

LAB NO.	SAMPLE NO.	AS RECEIVED BASIS							AIR DRIED BASIS						
		Total Moisture (TM)	Ash (ASH)	Volatiles Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	Gross Calorific Value (GCV)	Moisture (MOIS)	Ash (ASH)	Volatiles Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	Gross Calorific Value (GCV)		
		%							%						
		kcal/kg							kcal/kg						
1	2511519	7.21	15.13	23.13	54.53	0.69	6126	1.87	16.00	24.46	57.67	0.73	6479		
2	2511619	9.57	16.41	22.10	51.92	0.54	5663	2.48	17.70	23.83	55.99	0.58	6107		
3	2513121	8.77	17.52	23.58	50.13	0.59	5883	2.53	18.71	25.20	53.56	0.63	6285		
4	2513221	12.63	16.70	22.59	48.08	0.47	5473	4.53	18.25	24.68	52.53	0.51	5979		

QUALITY ASSURANCE/QUALITY CONTROL DATA

STD/ALSWS-40/23	ASH	VOL	GCV	TSUL
Certified Value	19.67	20.55	7696	0.629
Standard Deviation	0.056	0.137	24	0.0144
Unit	%	%	kcal/kg	%
Analyzed value	10.65	20.63	7694	0.623

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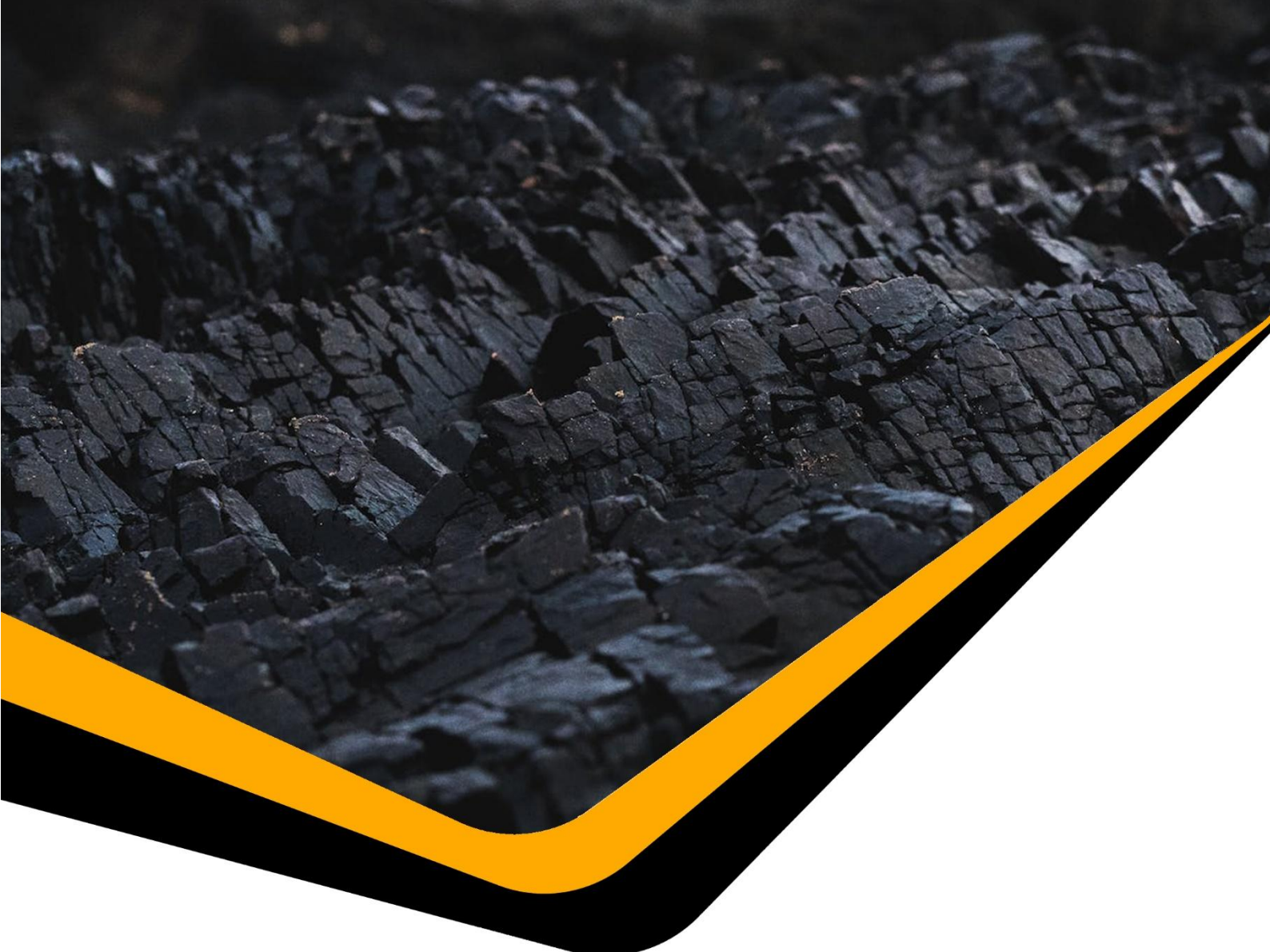
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PREPARATION CODE: CRUSH-01, 02; MILL-01
ANALYSIS CODE: 2.1_THERMAL COAL
TM, MOIS, ASH, VOL, TSUL
GCV, CKIN

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LAB NO.	STANDARD METHOD	SAMPLE NO.	GB/T 212		GB/T 212		ISO 19579		GB/T 213		GB/T 212		ISO 19579		GB/T 213		GB/T 5447	
			ASH		DRY BASIS		DRY BASIS		DRY, ASH-FREE BASIS		DRY, ASH-FREE BASIS		DRY, ASH-FREE BASIS		DRY, ASH-FREE BASIS		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)	Volatile Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	Gross Calorific Value (GCV)	5:1	3:3	
1		2511519	16.31	24.93	58.77	0.75	6603	29.78	70.22	0.89	7889	-	0					
2		2511619	18.15	24.44	57.41	0.60	6262	29.86	70.14	0.73	7651	-	0					
3		2513121	19.20	25.85	54.95	0.65	6448	31.99	68.01	0.80	7981	-	12					
4		2513221	19.12	25.86	55.03	0.54	6263	31.97	68.03	0.66	7744	-	4					

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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ISO 9001:2015



ISO 14001:2015



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Финанс төв, 1-р хороо,
Чингэлтэй дүүрэг,
Улаанбаатар хот

