



НҮҮРСНИЙ ОВООЛГЫН ҮЗҮҮЛЭЛТ

№ ETT_SP_SSC



ISO 45001:2018



ISO 9001:2015



ISO 14001:2015



НҮҮРСНИЙ ОВООЛГЫН ЧАНАРЫН ДУНДАЖ ҮЗҮҮЛЭЛТ

НИЙТ ЧИЙГ (ar)

5.0%

-2.0; +3.0

ҮНСЛЭГ (db)

24.0%

-3.0; +3.0

ДЭГДЭМХИЙ (daf)

≤37.0%

НИЙТ ХҮХЭР (db)

1.0%

-0.3; +0.5

БАРЬЦАЛДАХ ЧАНАР

≥65.0

НҮҮРСНИЙ ХЭМЖЭЭ

64.0

МЯН.ТН

НҮҮРСНИЙ ОВООЛГЫН ШИНЖИЛГЭЭНИЙ ҮР ДҮН

ALS GROUP LLC
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CERTIFICATE OF ANALYSIS
25H249-25L241-TT



CLIENT: Erdenes Tavan Tolgoi JSC
ADDRESS: Finance Center, Aguijiev-8
1st khoroо, Chinggisai District
Ulaanbaatar, Mongolia
ATTN: Ganbaatar.B
PROJECT NO. xxx
LAB. JOB NO. 25H249-25L241-TT
NO. SAMPLES: 36
Notes/Comments: xxx

SAMPLES RECEIVED: 15/08/2025 14/12/2025
INSTRUCTIONS RECEIVED: 15/08/2025 14/12/2025
DATE OF REPORT: 16/08/2025 15/12/2025
STATUS OF REPORT: FINAL
ANALYSIS COMPLETE: 16/08/2025 15/12/2025
PREPARATION CODE: CSP95; CSP9C; CSP9G
ANALYSIS CODE: 1.2_COALING COAL
TM, MO6, ASH, VOL,
TSUL, CSA, CSN

APPROVED BY: Laboratory Manager

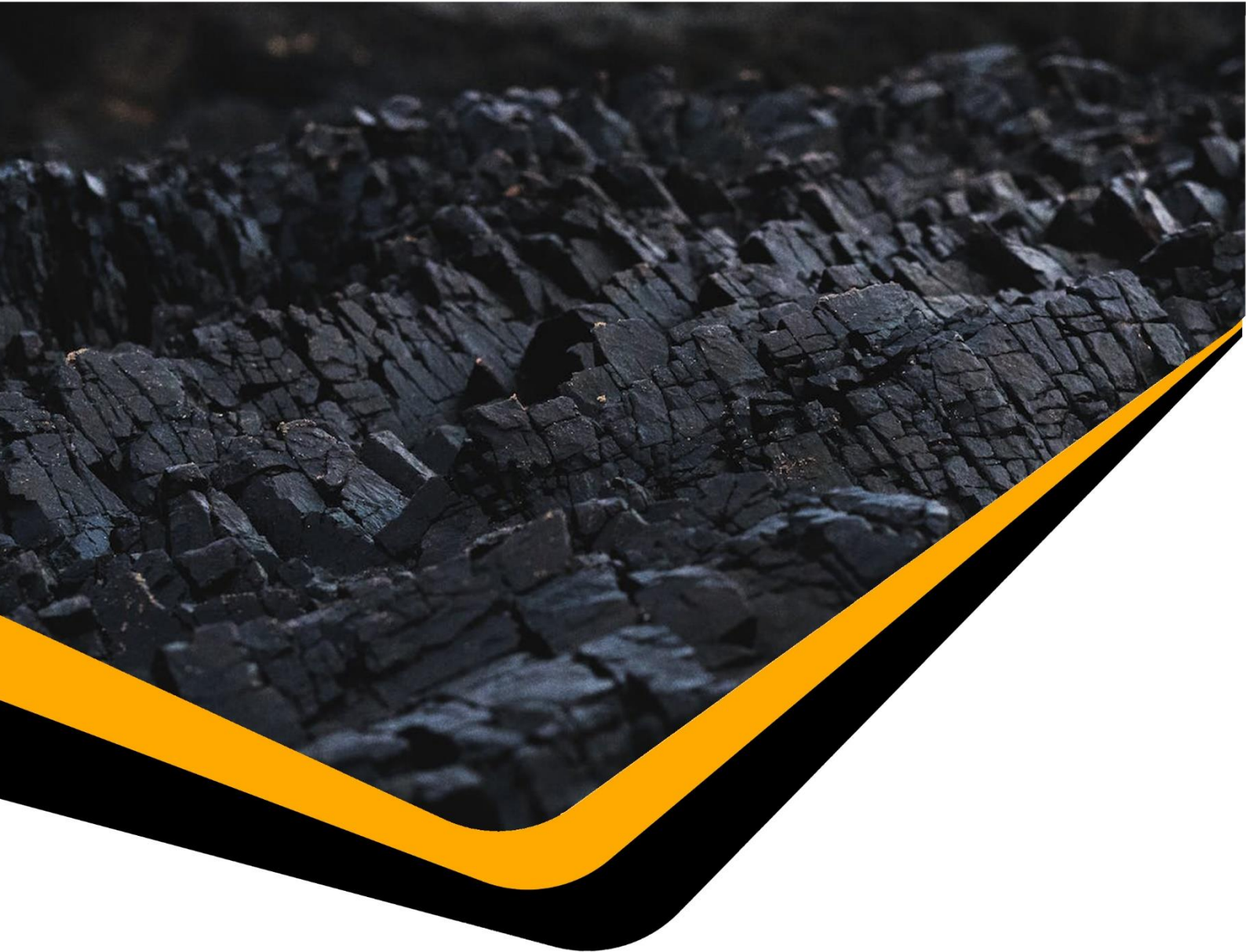
These test results are representative only of the samples received in the laboratory.

LAB NO.	SAMPLE NO.	AS RECEIVED BASIS										AIR DRIED BASIS										Crucible Swelling Number (CSN)	Cent Caking Index (CCI)
		Total Moisture (TM)	Ash (A80)	Volatiles Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)	Moisture (MO6)	Ash (A80)	Volatiles Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)	Ash (A80)	Volatiles Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)	Ash (A80)	Volatiles Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)				
1	25217615	1.87	21.10	25.76	51.25	0.90	0.70	21.35	26.09	51.85	0.91	21.50	24.27	52.23	0.92	33.47	66.53	1.17	6.0	71	-		
2	25217915	1.28	19.44	28.23	53.05	0.79	0.64	19.56	26.40	53.39	0.80	19.69	26.57	53.74	0.80	33.09	66.91	1.00	6.0	75	-		
3	25219116	3.80	18.45	28.56	51.17	1.02	0.74	19.04	27.41	52.81	1.05	19.19	27.67	53.20	1.06	34.17	65.83	1.31	6.5	77	-		
4	25219216	3.40	20.44	28.59	49.38	0.80	1.01	21.15	27.34	50.60	0.82	21.38	27.52	51.11	0.83	35.00	65.00	1.05	6.5	81	-		
5	25224221	1.95	19.87	28.81	51.38	0.99	0.79	20.10	27.12	51.99	1.00	20.26	27.34	52.40	1.01	34.28	65.72	1.27	6.0	77	-		
6	25224521	2.28	22.11	28.24	49.37	0.95	0.81	22.45	26.64	50.11	0.96	22.63	26.85	50.52	0.97	34.71	65.29	1.25	6.0	74	-		
7	25225823	2.91	20.29	23.48	43.33	1.52	0.98	20.89	23.95	44.19	1.55	21.19	24.18	44.62	1.56	35.14	64.86	2.27	4.0	53	-		
8	25227023	4.94	24.94	23.43	44.49	0.94	1.13	28.02	24.58	45.27	0.97	28.34	24.86	46.80	0.99	34.69	65.31	1.38	5.0	62	-		
9	25229228	3.23	23.77	25.79	47.22	0.93	0.97	24.32	26.39	48.32	0.95	24.56	26.65	48.79	0.96	35.32	64.68	1.27	6.0	74	-		
10	25232627	1.85	22.05	26.56	49.54	1.00	0.92	22.58	26.80	50.00	1.03	22.87	27.06	50.47	1.04	34.90	65.10	1.30	6.5	82	-		
11	25234429	1.92	20.44	26.79	50.84	0.98	0.72	20.70	27.12	51.47	0.99	20.85	27.32	51.84	1.00	34.51	65.49	1.26	6.5	79	-		
12	25234529	2.33	20.78	27.14	49.76	1.02	0.78	21.11	27.57	50.55	1.04	21.38	27.78	50.94	1.06	35.29	64.91	2.10	6.5	83	-		
13	25267424	3.17	24.30	24.09	48.44	0.89	0.74	24.91	24.69	49.66	0.91	25.10	24.87	50.03	0.92	33.21	66.79	1.22	6.0	72	-		
14	25267524	3.30	25.08	22.97	48.65	1.03	0.68	25.76	23.39	49.97	1.06	25.94	23.75	50.31	1.07	32.07	67.93	1.44	5.5	68	-		
15	25274228	2.68	22.82	22.45	49.06	0.77	0.95	23.22	25.90	49.93	0.78	23.44	26.15	50.41	0.79	34.16	65.84	1.03	6.5	82	-		
16	25275228	2.34	23.55	24.75	49.36	0.69	0.84	23.92	25.13	46.12	0.76	24.12	25.34	50.54	0.76	33.39	66.61	0.92	6.5	79	-		
17	25279828	2.23	20.62	26.24	51.51	0.75	0.79	20.31	28.42	52.27	0.76	20.48	28.84	52.69	0.77	33.75	66.25	0.97	7.0	86	-		
18	25279928	3.22	20.96	25.60	51.22	0.72	0.81	21.26	25.97	51.99	0.73	21.44	26.18	52.38	0.73	33.33	66.67	0.93	6.5	86	-		
19	25278802	2.53	23.39	25.19	48.88	0.76	0.81	23.81	25.64	49.75	0.74	24.00	25.85	50.15	0.78	34.01	66.09	1.02	6.0	76	-		
20	25279902	3.63	25.03	26.37	44.97	1.13	0.89	25.75	27.12	44.25	1.16	25.98	27.36	44.86	1.17	36.97	63.03	1.58	6.0	73	-		
21	25279804	3.92	24.25	23.81	47.01	1.07	0.94	25.01	25.88	48.47	1.09	25.24	26.83	48.93	1.11	34.58	66.67	0.93	6.0	70	-		
22	25279906	3.16	21.65	26.14	49.05	1.35	0.89	22.16	26.75	50.20	1.38	22.36	26.99	50.65	1.40	34.77	65.23	1.89	6.5	81	-		
23	25291217	4.80	24.16	24.29	46.72	1.06	0.83	25.18	25.31	48.66	1.10	25.39	25.52	49.09	1.11	34.20	65.80	1.49	6.0	75	-		
24	25291517	4.27	21.67	24.85	49.20	0.76	0.76	22.47	25.76	51.01	0.76	22.84	25.96	51.49	0.79	33.66	66.44	1.02	6.5	83	-		
25	25292222	2.21	19.51	25.96	52.32	0.66	0.59	19.83	26.39	53.19	0.68	19.95	26.55	53.50	0.68	33.17	66.63	0.85	6.5	83	-		
26	25298622	3.89	20.37	25.88	51.06	0.84	0.72	20.78	26.41	52.10	0.86	20.93	26.60	52.47	0.86	33.64	66.26	1.09	6.5	80	-		
27	25309704	1.67	23.91	24.60	49.91	2.93	0.55	24.19	24.78	50.48	0.56	24.92	24.92	50.76	0.58	32.92	67.08	3.94	5.0	64	-		
28	25310604	2.92	23.59	24.85	48.85	0.95	0.76	24.11	25.40	49.73	0.98	24.30	25.60	50.11	0.98	33.81	66.19	1.30	6.5	78	-		
29	25323515	2.68	22.48	25.21	49.63	0.89	0.77	22.92	25.71	50.41	0.82	23.10	25.90	51.00	0.83	33.68	66.32	1.07	6.5	75	-		
30	25328421	2.81	21.24	28.04	49.91	1.00	0.80	21.68	26.58	50.94	1.02	21.85	24.80	51.35	1.03	34.29	65.71	1.31	6.5	82	-		
31	25328521	3.18	20.35	28.06	50.40	0.79	0.74	20.87	26.72	51.67	0.81	21.02	26.92	52.06	0.82	34.09	65.91	1.03	6.5	80	-		
32	25328521	3.18	20.35	28.06	50.40	0.79	0.74	20.87	26.72	51.67	0.81	21.02	26.92	52.06	0.82	34.09	65.91	1.03	6.5	80	-		
33	25342802	3.29	21.58	25.76	49.37	0.85	0.72	21.16	26.84	50.68	0.87	21.35	26.63	51.05	0.88	34.29	65.71	1.33	6.0	76	-		
34	25342902	3.97	20.57	24.41	49.06	1.14	0.95	21.67	25.71	51.68	1.00	21.87	25.96	52.17	1.21	33.22	68.78	1.55	6.5	85	-		
35	25345010	4.02	21.44	25.79	48.74	1.58	0.79	22.20	26.68	50.42	1.63	22.36	26.87	50.78	1.64	34.60	65.40	2.11	6.5	81	-		
36	25361314	4.44	23.56	25.23	46.77	0.96	0.80	24.45	26.19	48.56	0.99	24.65	26.40	48.95	1.00	35.04	64.96	1.32	6.0	75	-		

QUALITY ASSURANCE/EQUALITY CONTROL DATA

STD/LAWS-41/24	ASH	VOL	TSUL
Certified Value	10.95	20.61	0.680
Standard Deviation	0.049	0.007	
Unit	%	%	%
Analyzed value	10.95	20.58	0.680

This is the Final Report and represents 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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