



НҮҮРСНИЙ ОВООЛГЫН ҮЗҮҮЛЭЛТ

№ ETT_SP_GS



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)

22.0%

-3.0; +3.0

ДЭГДЭМХИЙ (daf)

>28.0-

37.0%

НИЙТ ХҮХЭР
(db)

1.0%

-0.3; +0.5

БАРЬЦАЛДАХ
ЧАНАР

>50-65.0

НҮҮРСНИЙ
ХЭМЖЭЭ

64.0

МЯН.ТН

НҮҮРСНИЙ ОВООЛГЫН ШИНЖИЛГЭЭНИЙ ҮР ДҮН

ALB GROUP LLC

Mongol National Building, 2nd floor

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CERTIFICATE OF ANALYSIS
24L225-25J256-TT

CLIENT: Erdenes Tavan Tolgoi JSC

ADDRESS: Finance Center, Jiglidar-8
1st Floor, Chinggis Avenue
Ulaanbaatar, Mongolia

ATTN: Erdenesbayar.M

PROJECT NO. 000

LAB. JOB NO. 24L225-25J256-TT

NO. SAMPLES: 37

Notes/Comments: 000

SAMPLES RECEIVED: 23/12/2024 15/10/2025

INSTRUCTIONS RECEIVED: 23/12/2024 15/10/2025

DATE OF REPORT: 24/12/2024 16/10/2025

STATUS OF REPORT: FINAL

ANALYSIS COMPLETE: 24/12/2024 16/10/2025

PREPARATION CODE: C996C, C996D, C996E

ANALYSIS CODE: 1-E, COOKING COAL

100% MOISTURE, ARI, VOL

APPROVED BY: [Signature]

Checked by: [Signature]

CHECKED BY: Chief Chemist

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

LAB NO.	SAMPLE NO.	STANDARD METHOD																Crucible Swelling Number (CSN)	Cost Caking Index (CCI)
		Total Moisture (TM)	Ash (A810)	Volatiles Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)	Moisture (MO81)	Ash (A810)	Volatiles Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)	Ash (A810)	Volatiles Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)	Ash (A810)	Volatiles Matter (VOL)	Fixed Carbon	
1	2437523	3.54	23.75	23.83	48.88	1.48	0.71	24.44	24.53	50.31	1.53	24.62	24.71	50.67	1.54	32.78	67.22	2.04	4.5
2	259516	2.17	24.22	24.26	49.35	1.31	0.50	24.63	24.68	50.19	1.34	24.76	24.80	50.44	1.34	32.96	67.04	1.79	4.0
3	2510418	3.34	24.05	24.42	48.19	1.02	0.67	24.72	25.09	49.52	1.05	24.89	25.26	49.85	1.05	33.63	66.37	1.40	4.0
4	2520431	2.72	24.23	23.17	49.68	0.72	0.50	24.78	23.70	51.02	0.54	24.91	23.62	51.78	0.74	31.71	68.29	0.99	3.0
5	2522731	3.30	22.52	24.15	50.01	0.67	0.67	23.14	24.81	51.38	0.69	23.29	24.98	51.73	0.67	32.56	67.44	0.90	3.0
6	2522831	4.07	20.42	23.89	51.71	0.81	0.72	21.13	24.63	53.51	0.83	21.29	24.81	53.90	0.84	31.52	68.48	1.07	2.0
7	2527004	3.27	22.70	23.92	50.10	0.46	0.60	23.33	24.54	51.48	0.99	23.47	24.73	51.80	0.99	32.32	67.68	1.30	2.5
8	2527104	3.63	21.10	24.28	50.99	0.74	0.67	21.74	25.03	52.35	0.77	21.89	25.20	52.91	0.77	32.26	67.74	0.99	3.5
9	2527204	4.09	20.94	23.89	51.08	0.90	0.70	21.68	24.74	52.88	0.93	21.83	24.91	53.26	0.94	31.87	68.13	1.20	3.5
10	2542908	1.73	19.49	25.75	53.03	0.74	0.59	19.72	26.05	53.45	0.75	19.84	26.20	53.76	0.75	32.68	67.32	0.94	5.0
11	2543008	1.69	23.33	24.46	50.32	1.13	0.63	23.78	24.72	50.87	1.14	23.93	24.88	51.19	1.14	32.71	67.29	1.51	2.5
12	2543108	3.84	21.37	26.29	48.49	0.56	0.75	22.06	27.14	50.05	0.58	22.23	27.34	50.43	0.59	35.16	64.84	0.71	2.0
13	2543208	2.94	20.59	26.20	50.34	0.96	0.69	20.77	26.81	51.72	0.98	20.92	27.06	52.08	0.99	34.14	65.86	1.23	5.0
14	2573620	1.85	23.06	26.03	47.27	1.06	0.59	25.33	26.31	47.78	1.07	25.47	26.46	48.06	1.08	35.51	64.49	1.43	4.5
15	2573720	2.09	25.86	25.42	46.42	1.08	0.59	26.26	25.81	47.34	1.10	26.41	25.97	47.62	1.10	35.29	64.71	1.50	4.0
16	2573820	1.87	16.94	27.59	53.61	0.99	0.83	17.12	27.88	54.18	1.01	17.26	28.11	54.63	1.01	33.97	66.03	1.23	4.0
17	2592714	2.03	19.72	24.43	51.83	0.98	0.74	19.98	24.77	52.51	1.00	20.13	24.99	52.90	1.01	33.77	66.23	1.26	5.0
18	2594117	2.36	21.37	25.33	50.34	1.04	0.77	21.81	26.03	54.40	0.99	21.88	26.19	54.93	0.99	32.28	67.72	1.22	3.5
19	2595117	2.49	22.45	25.37	48.48	1.03	0.84	23.89	25.83	49.42	1.05	24.10	26.07	49.83	1.06	34.35	65.65	1.39	4.5
20	2522718	2.65	24.69	24.71	47.99	1.31	0.65	25.04	25.23	48.88	1.34	25.26	25.44	49.30	1.35	34.04	65.96	1.80	1.0
21	2522818	3.44	22.25	23.02	49.09	1.64	1.05	22.85	25.69	50.41	1.70	23.09	25.96	50.95	1.72	33.76	66.24	2.24	5.0
22	2527275	2.94	22.77	23.37	48.91	1.31	0.82	23.27	25.92	49.98	1.34	23.47	26.14	50.40	1.35	34.15	65.85	1.77	5.0
23	2527463	3.34	24.84	23.55	48.05	0.79	0.81	25.54	24.72	49.42	0.81	25.77	24.41	49.82	0.82	32.89	67.11	1.10	4.0
24	25241404	3.74	20.49	26.15	49.61	1.40	0.91	21.09	26.92	51.08	1.44	21.29	27.17	51.55	1.46	34.51	65.49	1.85	5.5
25	25241504	3.73	21.22	25.50	49.56	1.22	0.84	21.85	26.25	51.04	1.26	22.04	26.48	51.48	1.27	33.97	66.03	1.43	5.5
26	2524207	2.07	27.48	23.15	47.10	1.31	0.60	28.10	23.50	47.81	1.33	28.27	23.44	48.09	1.33	32.92	67.08	1.84	3.5
27	25246309	2.14	23.87	23.94	50.05	1.43	0.64	24.23	24.30	50.82	1.45	24.39	24.46	51.15	1.46	32.35	67.65	1.93	5.0
28	2524631	2.08	27.75	23.93	46.27	1.04	0.83	28.10	24.23	48.84	1.06	28.33	24.43	47.24	1.07	34.09	65.91	1.49	4.0
29	2524323	4.02	21.89	26.18	47.91	0.87	1.03	22.58	25.99	49.40	0.84	22.81	27.27	49.91	0.85	35.34	64.66	1.10	5.5
30	2527805	2.44	21.83	24.50	51.03	1.69	0.72	22.26	24.96	52.04	1.73	22.42	25.16	52.42	1.74	32.43	67.57	2.24	5.0
31	2527935	3.73	20.26	24.01	50.90	1.62	0.89	20.86	26.78	51.47	1.05	21.94	27.62	51.94	1.06	34.22	65.78	1.34	5.5
32	25287813	4.81	20.84	25.48	49.67	1.30	0.81	21.47	26.23	51.15	1.34	21.71	26.54	51.75	1.35	33.80	66.20	1.73	5.0
33	25288314	3.50	16.98	26.75	52.72	0.83	1.21	17.39	27.40	54.00	0.85	17.61	27.73	54.66	0.86	33.66	66.34	1.04	4.5
34	25289813	3.83	22.91	26.04	47.22	1.21	0.76	23.44	26.87	48.73	1.23	23.62	27.07	49.10	1.26	35.54	64.46	1.65	5.0
35	25289915	4.21	17.99	25.87	51.92	0.94	0.81	18.63	26.79	53.76	0.97	18.76	27.01	54.20	0.98	33.26	66.74	1.21	4.5

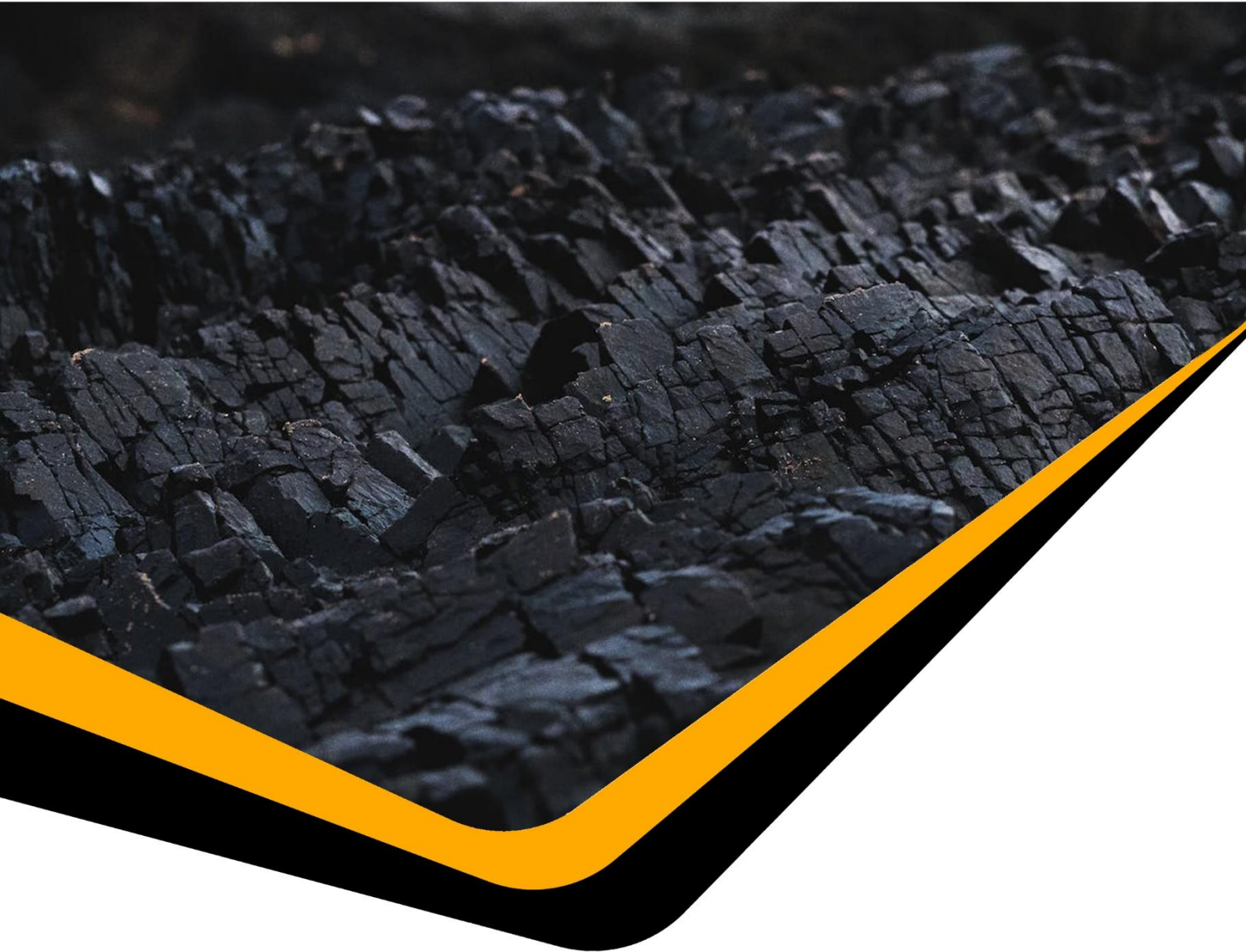
QUALITY ASSURANCE/QUALITY CONTROL DATA

STANDARD	ASH	VOL	TSUL
10.67	20.65	0.895	
Certified Value	20.65	0.895	
Standard Deviation	0.068	0.0144	
Unit	%	%	
Analysis value	10.80	20.54	0.825

This is the final report and represents a 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

