



НҮҮРСНИЙ ОВООЛГЫН ҮЗҮҮЛЭЛТ

№ ETT_SP_SSC



ISO 45001:2018



ISO 9001:2015



ISO 14001:2015



НҮҮРСНИЙ ОВООЛГЫН ЧАНАРЫН ДУНДАЖ ҮЗҮҮЛЭЛТ

<p>НИЙТ ЧИЙГ (ar)</p> <p>4.0%</p> <p>(-1.0; +2.0)</p>	<p>ҮНСЛЭГ (db)</p> <p>22.0%</p> <p>(-3.0; +3.0)</p>	<p>ДЭГДЭМХИЙ (daf)</p> <p>>28-37.0%</p>
<p>НИЙТ ХҮХЭР (db)</p> <p>1.1%</p> <p>(-0.5; +0.5)</p>	<p>БАРЬЦАЛДАХ ЧАНАР</p> <p>≥70.0</p>	<p>НҮҮРСНИЙ ХЭМЖЭЭ</p> <p>64.0</p> <p>МЯН.ТН</p>

НҮҮРСНИЙ ОВООЛГЫН ШИНЖИЛГЭЭНИЙ ҮР ДҮН

ALS GROUP LLC
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CERTIFICATE OF ANALYSIS
29H30,H49,H52,H116,H157-TT

CLIENT: Erdenes Tavan Tolgoi JSC
ADDRESS: Finance Center, Jigjidjav-8
1st Khoroо, Chinggisai District
Ulaanbaatar, Mongolia
ATTN: Javzandulam.B
PROJECT NO. xxx
LAB. JOB NO. 29H36,H49,H52,H116,H157-TT
NO. SAMPLES: 13
Notes/Comments: xxx

SAMPLES RECEIVED: 2/08/2025 09:08/2025
INSTRUCTIONS RECEIVED: 2/08/2025 09:08/2025
DATE OF REPORT: 3/08/2025 10:08/2025
STATUS OF REPORT: FINAL
ANALYSIS COMPLETE: 3/08/2025 10:08/2025
PREPARATION CODE: CSPSC, CSPC, CSPG
ANALYSIS CODE: 1,2, COKING COAL
TM, MDS, ASH, VOL,
TSUL, CSN, CQVI

APPROVED BY: Laboratory Manager
S.Bald Erdene



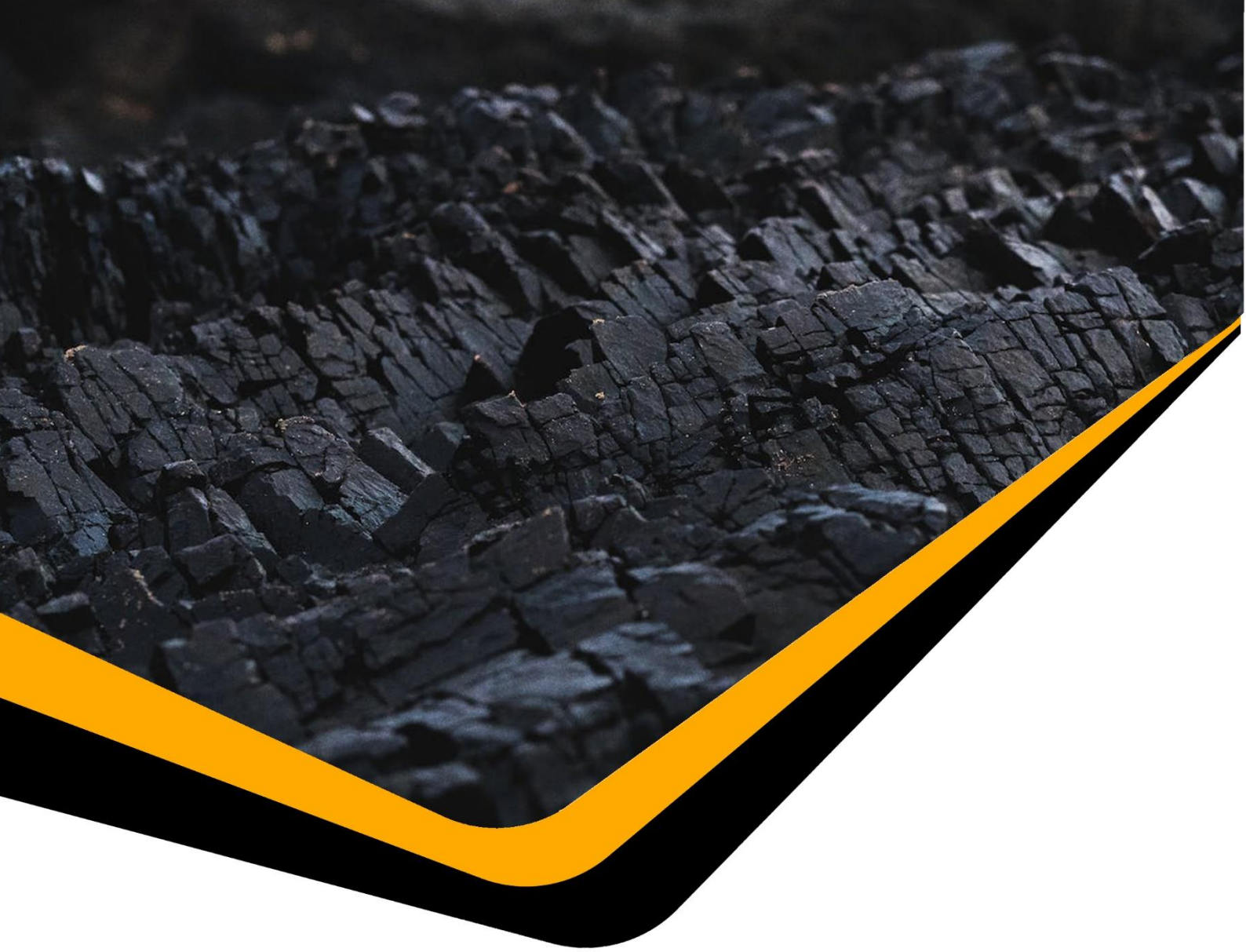
These test results are representative only of the sample received in the laboratory.

LAB NO.	SAMPLE NO.	AS RECEIVED BASIS										AIR DRIED BASIS										DRY BASIS										Coke Swelling Number (CSN)	Coal Caking Index (CKIN)
		Total Moisture (TM)	Ash (ASH)	Volatile Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)	Molten (MDS)	Ash (ASH)	Volatile Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)	Ash (ASH)	Volatile Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)	Ash (ASH)	Volatile Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)														
1	ETT_SP_20120-1W	7.37	17.48	25.06	50.09	1.23	0.98	18.69	26.79	53.54	1.32	18.87	27.06	54.07	1.33	33.35	66.65	1.64	6.5	79													
2	ETT_SP_20120-1N	6.54	17.04	25.35	51.07	1.21	0.94	18.07	26.87	54.13	1.29	18.24	27.12	54.64	1.30	33.17	66.83	1.59	6.5	78													
3	ETT_SP_20120-1E	4.93	16.35	26.91	51.82	0.91	0.90	17.04	26.05	54.01	0.95	17.19	26.30	54.72	0.96	34.18	65.82	1.16	6.5	81													
4	25205502	7.59	16.55	25.79	50.06	1.09	0.90	17.75	27.66	53.69	1.17	17.91	27.91	54.18	1.18	34.00	66.80	1.49	6.5	84													
5	25205402	3.91	16.72	26.84	52.54	1.62	0.94	17.23	27.66	54.16	1.67	17.40	27.93	54.67	1.69	33.81	66.19	2.05	7.0	85													
6	25205802	3.42	17.25	27.01	52.32	1.09	0.96	17.69	27.70	53.65	1.12	17.86	27.97	54.17	1.13	34.05	65.95	1.37	7.0	83													
7	25205902	4.10	18.84	26.73	50.33	1.41	0.89	19.47	27.63	52.01	1.45	19.64	27.88	52.48	1.47	34.69	65.31	1.82	6.5	81													
8	25206103	3.44	25.30	26.00	45.25	2.47	0.95	25.96	26.67	46.42	2.53	26.20	26.93	46.17	2.55	36.49	63.51	3.46	6.5	69													
9	25206203	3.10	21.18	25.70	50.01	3.30	0.82	21.68	26.30	51.19	3.38	21.86	26.52	51.42	3.41	33.94	66.06	4.36	6.0	76													
10	25210406	2.30	20.64	26.62	51.04	1.17	0.82	20.99	26.47	51.92	1.19	21.13	26.63	52.44	1.20	33.77	66.23	1.52	6.5	82													
11	25210506	2.54	18.49	26.17	52.79	1.05	0.64	18.96	26.48	53.63	1.07	18.98	26.85	54.17	1.08	33.14	66.84	1.33	6.5	83													
12	25212108	1.50	19.22	26.15	53.13	1.05	0.57	19.40	26.40	53.63	1.06	19.51	26.55	53.94	1.07	32.99	67.01	1.32	6.5	82													
13	25212208	1.72	19.26	26.58	52.45	1.00	0.74	19.45	26.85	52.97	1.01	19.59	27.04	53.36	1.02	33.63	66.37	1.27	6.5	83													

QUALITY ASSURANCE/QUALITY CONTROL DATA

STD/ALSWS-61/25	ASH	VOL	TSUL
Certified Value	19.93	29.61	6.689
Standard Deviation	0.049	0.079	0.007
Unit	%	%	%
Analyzed value	10.01	20.62	0.880

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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Чингэлтэй дүүрэг,
Улаанбаатар хот

