



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%

ҮНСЛЭГ (db)

≤9.0%

ДЭГДЭМХИЙ (daf)

>28-37.0%

НИЙТ ХҮХЭР
(db)

≤1.0%

БАРЬЦАЛДАХ
ЧАНАР

≥75.0

НҮҮРСНИЙ
ХЭМЖЭЭ

64.0

МЯН.ТН

НҮҮРСНИЙ ОВООЛГЫН ШИНЖИЛГЭЭНИЙ ҮР ДҮН

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CERTIFICATE OF ANALYSIS
25G21, G28, G166, G178, G252, G254, G345, H213, H218, H320, H424-TT

CLIENT: Erdenes Tavan Tolgoi JSC
ADDRESS: Finance Center, Jigjidjav-8
1st khoroо, Chingeltei District
Ulaanbaatar, Mongolia
ATTN: Javzandulam.B
PROJECT NO.: xxx
LAB. JOB NO.: 25G21, G28, G166, G178, G252, G254, G345, H213, H218, H320, H424-TT
NO. SAMPLES: 16
Notes/Comments: xxx

SAMPLES RECEIVED: 2/07/2025 24/08/2025
INSTRUCTIONS RECEIVED: 3/07/2025 24/08/2025
DATE OF REPORT: FINAL
STATUS OF REPORT: FINAL
ANALYSIS COMPLETE: 3/07/2025 25/08/2025
PREPARATION CODE: C8P8C, C8P8C, C8P8G
ANALYSIS CODE: 1-2_COKING_COAL
TM: MOIS, ASH, VOL
TL: 10-01



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

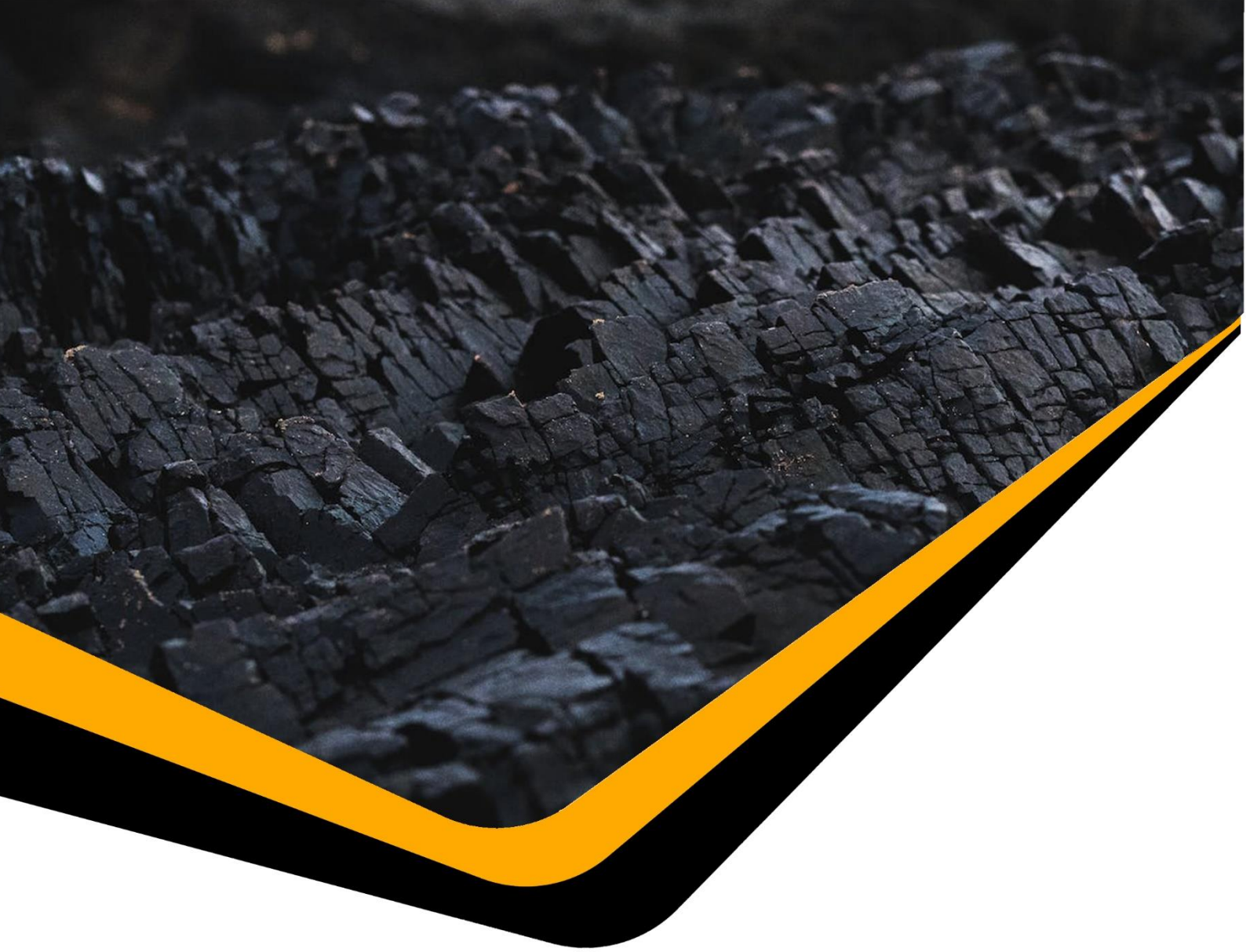
STANDARD METHOD		AS RECEIVED BASIS																		AIR DRIED BASIS																		DRY BASIS																		DRY, ASH-FREE BASIS																		GBT 5447	
LAB NO.	SAMPLE NO.	GBT 211		GBT 212		GBT 212		ISO 15979		GBT 212		GBT 212		GBT 212		ISO 15979		GBT 212		GBT 212		ISO 15979		GBT 212		GBT 212		ISO 15979		GBT 212		ISO 15979		GBT 5448		GBT 5447																																							
		Total Moisture (TM)	Ash (ASH)	Volatille Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)	Moisture (MOIS)	Ash (ASH)	Volatille Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)	Ash (ASH)	Volatille Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)	Ash (ASH)	Volatille Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)	Volatille Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)	Volatille Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)	Volatille Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)	Crucible Swelling Number (CSN)	Coal Caking Index (CKIN)																																													
1	25173202	1.96	6.60	33.34	58.10	0.61	1.21	6.45	33.59	58.55	0.62	6.73	34.00	59.26	0.63	36.46	63.54	0.67	7.5	85	3.3																																																						
2	25173302	2.32	8.36	33.49	55.83	0.64	1.06	8.47	33.92	56.65	0.65	8.56	34.29	57.16	0.65	37.49	62.51	0.71	7.5	85	3.3																																																						
3	25173703	2.68	6.90	33.62	56.80	0.61	1.16	7.00	34.14	57.69	0.62	7.09	34.55	58.37	0.63	37.18	62.82	0.68	7.5	87	3.3																																																						
4	25181513	3.29	6.50	32.77	57.43	0.63	1.66	6.61	33.33	58.40	0.64	6.73	33.89	57.38	0.65	36.33	63.67	0.70	6.5	82	3.3																																																						
5	25182015	3.57	8.25	32.23	55.96	0.49	1.30	8.44	32.99	57.28	0.50	8.55	33.42	58.03	0.51	36.54	63.44	0.55	6.5	77	3.3																																																						
6	25183015	3.49	7.06	33.34	56.10	0.59	1.25	7.23	34.12	57.41	0.60	7.32	34.55	58.13	0.61	37.28	62.72	0.66	6.5	83	3.3																																																						
7	25188621	5.00	7.52	31.98	55.49	0.55	1.30	7.82	33.23	57.66	0.57	7.92	33.67	58.41	0.58	36.56	63.44	0.63	6.5	79	3.3																																																						
8	25188921	4.00	7.28	32.59	56.13	0.55	1.13	7.50	33.56	57.81	0.57	7.58	33.95	58.47	0.57	36.73	63.27	0.62	7.0	83	3.3																																																						
9	25190021	4.18	6.09	32.86	56.87	0.49	1.28	6.27	33.85	58.60	0.51	6.35	34.29	59.38	0.51	36.62	63.38	0.55	7.0	85	3.3																																																						
10	25200227	1.76	5.94	33.73	58.57	0.63	1.08	5.98	33.97	58.98	0.63	6.04	34.34	59.62	0.64	36.55	63.45	0.68	6.5	79	3.3																																																						
11	25200327	1.85	6.36	33.57	58.22	0.68	1.23	6.40	33.79	58.59	0.69	6.48	34.21	59.31	0.70	36.58	63.42	0.75	6.5	77	3.3																																																						
12	25200427	2.33	7.44	32.76	57.47	0.59	1.25	7.52	33.12	58.11	0.59	7.62	33.54	58.84	0.60	36.31	63.69	0.65	6.5	77	3.3																																																						
13	25215713	6.79	8.26	29.49	55.46	0.50	1.41	8.73	31.19	58.67	0.53	8.86	31.64	59.50	0.54	34.71	65.29	0.59	6.0	67	3.3																																																						
14	25216213	4.90	7.72	31.04	55.44	0.78	1.42	8.00	33.11	57.48	0.80	8.12	33.58	58.30	0.81	36.55	63.45	0.89	6.5	79	3.3																																																						
15	25222319	5.04	8.14	32.47	54.35	0.69	1.34	8.46	33.73	56.47	0.71	8.57	34.19	57.24	0.72	37.40	62.60	0.79	6.0	71	3.3																																																						
16	25228424	3.89	7.34	33.20	55.57	0.67	1.42	7.53	34.06	57.00	0.68	7.63	34.55	57.82	0.69	37.40	62.60	0.75	6.5	80	3.3																																																						

QUALITY ASSURANCE/QUALITY CONTROL DATA

STDALWS-41/25	ASH	VOL	TSUL
Certified Value	10.93	20.61	0.680
Standard Deviation	0.049	0.076	0.007
Unit	%	%	%
Analyzed value	10.91	20.57	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.
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Чингэлтэй дүүрэг,
Улаанбаатар хот

