



НҮҮРСНИЙ ЧАНАРЫН ҮЗҮҮЛЭЛТ

№ ETT_SP_CC



ISO 45001:2018



ISO 9001:2015



ISO 14001:2015



НҮҮРСНИЙ ОВООЛГЫН ЧАНАРЫН ДУНДАЖ ҮЗҮҮЛЭЛТ

НИЙТ ЧИЙГ (ar)

≤4.0%

ҮНСЛЭГ (db)

13.5%

(-2.0; +3.0)

ДЭГДЭМХИЙ (daf)

26.5%

(-2.0; +2.0)

НИЙТ ХҮХЭР (ad)

≤1.0%

БАРЬЦАЛДАХ
ЧАНАР

75.0

(-10.0; +10.0)

НҮҮРСНИЙ
ХЭМЖЭЭ

128

МЯН.ТН

НҮҮРСНИЙ ОВООЛГЫН ШИНЖИЛГЭЭНИЙ ҮР ДҮН

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CERTIFICATE OF ANALYSIS
23F67, 75, 107, 100, 105, 106, 111, 116, 131-TT

CLIENT: Erdenes Tavan Tolgoi JSC
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Tsilkhono, Chinggisai District
Ulaanbaatar, Mongolia
ATTN: Bilgumjavkhiis
PROJECT NO.: xxx
LAB. JOB NO.: 23F67, 75, 107, 100, 105, 106, 111, 116, 131-TT
NO. SAMPLES: 21
Notes/Comments: xxx

SAMPLES RECEIVED: 14-24/06/2023
INSTRUCTIONS RECEIVED: 14-24/06/2023
DATE OF REPORT: 15-27/06/2023
STATUS OF REPORT: FINAL
ANALYSIS COMPLETE: 15-27/06/2023
PREPARATION CODE: CRUSA-01, 00, HALL-01
ANALYSIS CODE: 1 - COALING COAL, CBN
TSM, ASH, MOIS, VOL, TSUL, CBN, CDM

APPROVED BY: Laboratory Manager



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

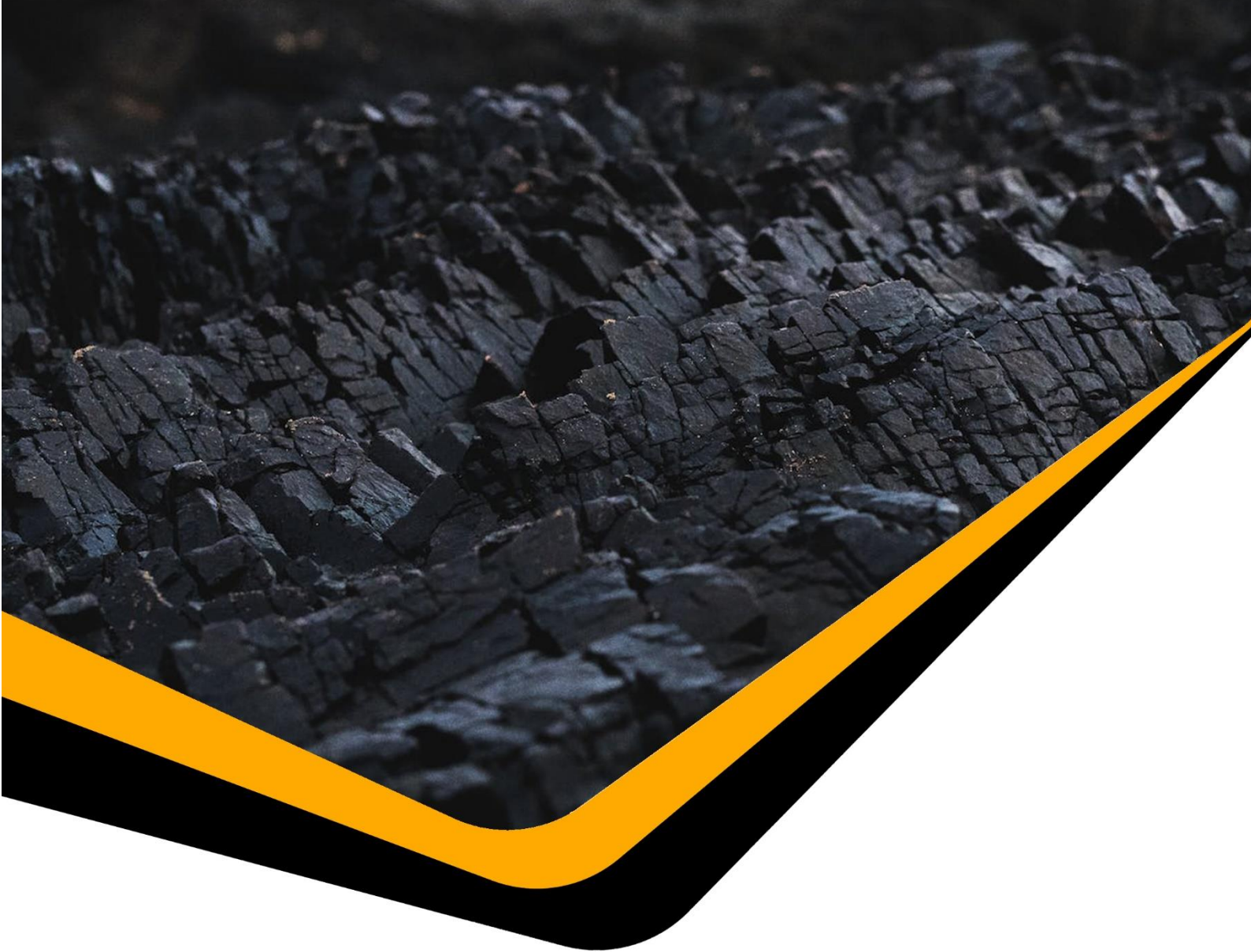
LAB NO.	SAMPLE NO.	AS RECEIVED BASIS														GB/T 5448		GB/T 5447			
		Total Moisture (TM)	Ash (ASH)	Volatile Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	Moisture (MOIS)	Ash (ASH)	Volatile Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	Ash (ASH)	Volatile Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	Crucible Swelling Number (CSN)	Coal Caking Index (CCI)	S1	S2		
1	ETT_SP_10050-1A	1.52	10.94	21.97	68.07	0.52	0.55	10.99	22.07	66.38	0.53	11.05	22.20	66.75	0.53	26.56	75.04	0.59	7.0	52	-
2	ETT_SP_10050-1B	1.44	12.67	21.25	64.64	0.64	0.45	12.79	21.46	65.29	0.65	12.85	21.54	65.59	0.65	24.74	75.26	0.74	7.0	77	-
3	ETT_SP_10050-1C	0.87	13.43	21.57	64.14	0.72	0.39	13.49	21.67	64.45	0.72	13.54	21.76	64.70	0.72	25.16	74.84	0.84	7.0	-	-
4	ETT_SP_10050-2A	2.50	15.29	21.88	63.31	1.09	0.65	15.59	22.29	61.68	1.11	15.60	22.44	61.88	1.12	26.61	73.29	1.33	6.5	77	-
5	ETT_SP_10050-2B	2.70	14.15	21.72	61.43	1.38	0.67	14.45	22.18	62.71	1.41	14.54	22.33	63.13	1.42	26.12	73.69	1.67	6.5	74	-
6	ETT_SP_10050-2C	1.93	16.97	21.84	59.26	1.04	0.39	17.28	22.18	60.19	1.06	17.31	22.27	60.42	1.06	26.93	73.07	1.28	7.0	77	-
7	ETT_SP_10050-3A	1.35	13.31	22.35	62.98	0.85	0.28	13.46	22.60	63.66	0.86	13.49	22.66	63.85	0.86	26.20	73.60	1.00	6.5	80	-
8	ETT_SP_10050-3B	1.61	12.07	22.96	63.35	0.97	0.26	12.23	23.29	64.22	0.88	12.24	23.35	64.38	0.89	26.62	73.20	1.01	6.5	80	-
9	ETT_SP_10050-3C	1.39	12.93	21.76	63.21	1.29	0.49	13.14	22.12	64.34	1.22	13.20	22.21	64.60	1.22	25.38	74.42	1.41	6.5	78	-
10	ETT_SP_10050-4A	1.45	14.38	21.92	62.25	1.09	0.53	14.51	22.13	62.83	1.10	14.59	22.24	63.16	1.10	26.04	73.96	1.29	6.5	80	-
11	ETT_SP_10050-4B	1.91	15.29	21.33	61.54	1.20	0.52	15.44	21.63	62.40	1.22	15.53	21.74	62.73	1.22	25.74	74.26	1.45	6.0	71	-
12	ETT_SP_10050-4C	2.11	17.64	20.34	59.90	1.12	0.58	17.92	20.66	60.84	1.14	18.02	20.78	61.19	1.15	25.35	74.65	1.40	5.5	65	-
13	ETT_SP_10050-5A	2.13	13.56	21.14	61.98	1.16	0.51	13.78	21.69	64.02	1.18	13.85	21.80	64.34	1.19	25.31	74.69	1.20	6.5	81	-
14	ETT_SP_10050-5B	2.22	11.86	21.88	64.04	0.67	0.55	12.07	22.25	65.13	0.68	12.13	22.37	65.49	0.69	25.46	74.54	0.78	6.5	83	-
15	ETT_SP_10050-5C	2.28	13.30	22.11	62.27	0.50	0.57	13.52	22.58	66.41	0.51	13.58	22.63	66.79	0.51	25.91	74.69	0.58	6.5	83	-
16	ETT_SP_10050-6A	3.40	13.30	21.38	61.84	0.88	0.62	13.77	21.99	63.61	0.91	13.86	22.13	64.01	0.91	25.69	74.31	1.06	6.5	76	-
17	ETT_SP_10050-6B	3.50	14.85	21.89	60.57	0.95	0.62	15.29	21.72	62.27	0.98	15.38	21.86	62.76	0.99	25.83	74.17	1.17	6.0	68	-
18	ETT_SP_10050-6C	2.65	14.23	22.14	61.59	1.20	0.63	14.68	22.48	63.08	1.23	14.76	22.62	63.45	1.24	26.77	73.23	1.48	6.5	79	-
19	ETT_SP_10050-7A	2.37	12.52	21.51	63.60	0.64	0.48	13.78	21.93	63.81	0.45	13.85	22.02	64.12	0.46	29.57	74.42	0.76	6.5	75	-
20	ETT_SP_10050-7B	2.13	13.31	22.22	62.35	0.64	0.46	13.53	22.65	63.41	0.47	13.60	22.70	63.70	0.47	26.27	73.73	0.78	6.5	82	-
21	ETT_SP_10050-7C	2.24	12.76	22.42	62.57	0.60	0.47	12.99	22.83	63.71	0.82	13.05	22.94	64.01	0.82	26.38	73.82	0.94	6.5	80	-

QUALITY ASSURANCE/QUALITY CONTROL DATA

STANDARD	ASH	VOL	TSUL
ISO 9001:2015	18.11	18.11	18.11
Certified Value	0.05	0.14	0.017
Standard Deviation	%	%	%
Unit	%	%	%
Analyzed value	10.81	18.11	0.617

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

