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# НҮҮРСНИЙ ОВООЛГЫН ҮЗҮҮЛЭЛТ

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№ ETT\_SP\_SSC

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ISO 45001:2018



ISO 9001:2015



ISO 14001:2015



НҮҮРСНИЙ ОВООЛГЫН ЧАНАРЫН ДУНДАЖ ҮЗҮҮЛЭЛТ

<p><b>НИЙТ ЧИЙГ (ar)</b></p> <p><b>3.86%</b></p> <p>(-1.0; +2.0)</p>	<p><b>ҮНСЛЭГ (db)</b></p> <p><b>20.5%</b></p> <p>(-5.0; +5.0)</p>	<p><b>ДЭГДЭМХИЙ (daf)</b></p> <p><b>33.0%</b></p> <p>(-2.0; +2.0)</p>
<p><b>НИЙТ ХҮХЭР (db)</b></p> <p><b>1.1%</b></p> <p>(-0.5; +0.5)</p>	<p><b>БАРЬЦАЛДАХ ЧАНАР</b></p> <p><b>70.0</b></p> <p>(-10; +10.0)</p>	<p><b>НҮҮРСНИЙ ХЭМЖЭЭ</b></p> <p><b>320.0</b></p> <p>МЯН.ТН</p>

НҮҮРСНИЙ ОВООЛГЫН ШИНЖИЛГЭЭНИЙ ҮР ДҮН

ALS GROUP LLC  
Mongol National Building, 2nd floor  
Chinggis Avenue, Khan-Uul District  
Ulaanbaatar, Mongolia  
Tel: +976 70 050967



CERTIFICATE OF ANALYSIS  
24A48, A65, A81, A88, A109, A128-TT

CLIENT: Erdenes Tavan Tolgoi JSC  
ADDRESS: Finance Center, Jigijidjav-8  
1st khoroo, Chingeltei District  
Ulaanbaatar, Mongolia  
ATTN: Beibbat.P  
PROJECT NO. xxx  
LAB. JOB NO. 24A48, A65, A81, A88, A109, A128-TT  
NO. SAMPLES: 12  
Notes/Comments: xxx

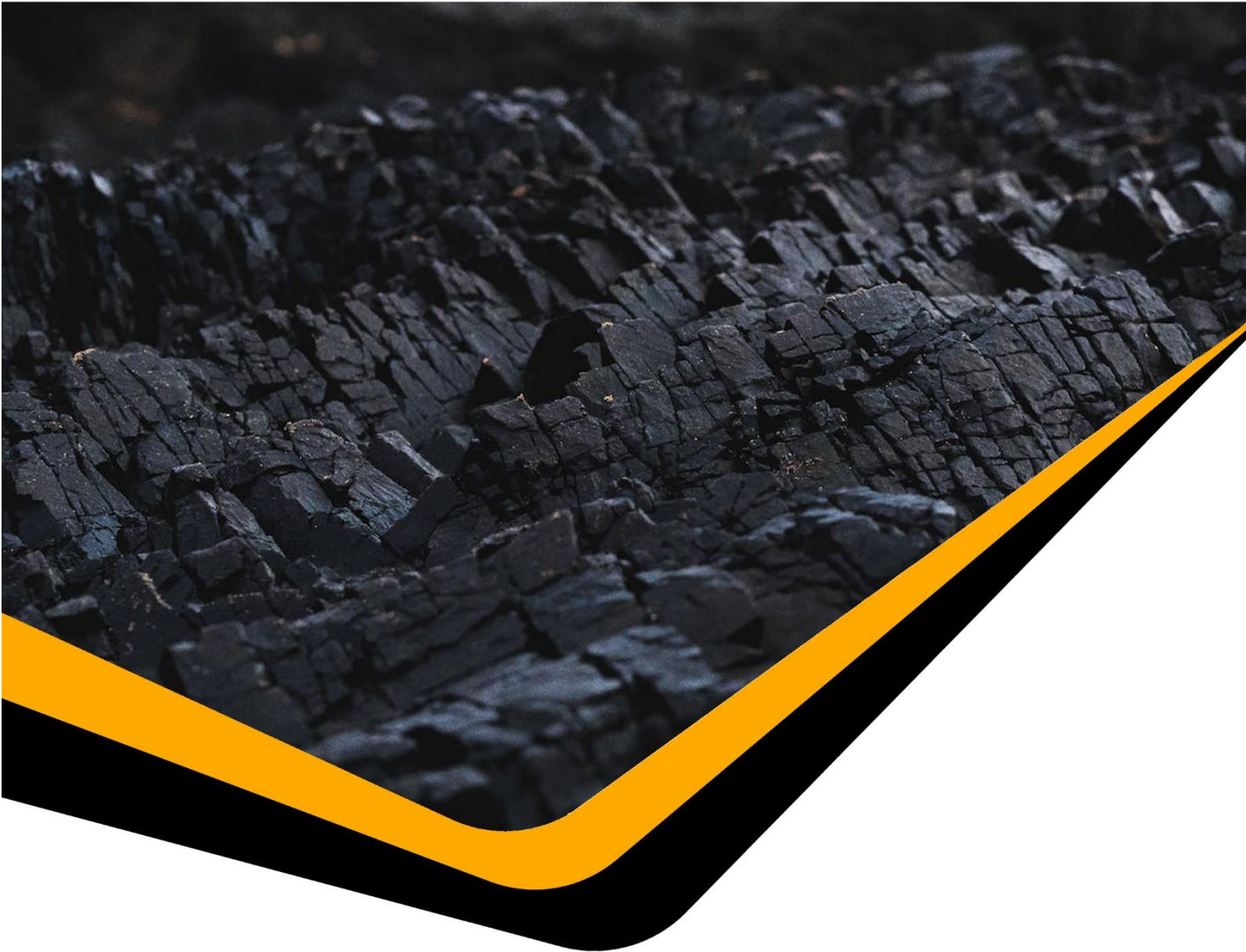
SAMPLES RECEIVED: 6/01/2024 17:01/2024  
INSTRUCTIONS RECEIVED: 6/01/2024 17:01/2024  
DATE OF REPORT: 7/01/2024 18:01/2024  
STATUS OF REPORT: FINAL  
ANALYSIS COMPLETE: 7/01/2024 18:01/2024  
PREPARATION CODE: CSPSC, CSPC, CSPG  
ANALYSIS CODE: 1\_COKING COAL, CSN  
TM, MCS, ASH, VOL,  
TSUL, GC, CKN  
APPROVED BY:  
Quality Manager: [Signature]  
CHECKED BY: Chief Chemist

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				DRY, ASH-FREE BASIS				Crucible Swelling Number (CSN)	Coal Caking Index (CKI)		
		Total Moisture (TM)	Ash (ASH)	Volatile Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)	Moisture (MOIS)	Ash (ASH)	Volatile Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)	Ash (ASH)	Volatile Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)	Volatile Matter (VOL)	Fixed Carbon		Total Sulphur (TSUL)	8:1	3:3
1	ETT_SP_20029-1A	3.46	16.20	28.00	52.34	0.92	0.73	16.66	28.79	53.82	0.94	16.78	29.00	54.22	0.95	34.85	65.15	1.14	6.5	7.9	-
2	ETT_SP_20029-1B	3.31	17.52	27.65	51.52	0.76	0.64	16.01	28.42	52.94	0.78	16.12	28.60	53.28	0.79	34.93	65.07	0.96	6.0	7.4	-
3	ETT_SP_20029-1C	4.13	14.88	28.59	52.40	0.62	0.76	15.41	29.59	54.24	0.65	15.53	29.82	54.66	0.65	35.30	64.70	0.77	6.5	7.4	-
4	ETT_SP_20029-2A	3.60	13.53	28.67	54.19	0.67	0.88	13.91	29.48	55.72	0.69	14.04	29.75	56.22	0.70	34.60	65.40	0.81	6.0	7.1	-
5	ETT_SP_20029-2B	3.95	12.57	28.38	55.09	0.68	0.71	13.00	29.34	56.95	0.70	13.09	29.55	57.36	0.71	34.00	66.00	0.81	6.5	7.4	-
6	ETT_SP_20029-2C	4.17	12.57	27.54	55.72	0.64	0.80	13.02	28.50	57.68	0.67	13.12	28.73	58.15	0.67	33.07	66.93	0.77	6.0	6.7	-
7	ETT_SP_20029-3A	4.14	13.42	27.70	52.74	0.81	0.67	15.97	28.71	54.65	0.84	16.08	28.90	55.02	0.84	34.44	65.56	1.00	6.5	7.5	-
8	ETT_SP_20029-3B	4.10	13.28	29.03	53.59	0.84	0.68	13.76	30.06	55.50	0.87	13.85	30.27	55.88	0.88	35.13	64.87	1.02	6.5	8.3	-
9	ETT_SP_20029-3C	3.01	18.55	27.43	50.81	0.81	0.61	19.01	28.31	52.07	0.83	19.13	28.49	52.38	0.83	35.22	64.78	1.03	6.0	7.5	-
10	ETT_SP_20029-4A	4.09	17.09	27.42	51.39	0.93	0.72	17.69	28.39	53.20	0.96	17.82	28.59	53.59	0.97	34.79	65.21	1.18	5.5	6.4	-
11	ETT_SP_20029-4B	4.00	15.71	27.53	52.76	0.84	0.72	16.25	28.47	54.57	0.87	16.36	28.67	54.96	0.88	34.28	65.72	1.05	6.0	7.1	-
12	ETT_SP_20029-4C	4.09	15.29	27.45	53.15	0.89	0.80	15.82	28.41	54.97	0.93	15.95	28.64	55.42	0.93	34.07	65.93	1.11	6.0	6.9	-

QUALITY ASSURANCE/QUALITY CONTROL DATA

STD/MSW-40/23	ASH	VOL	TSUL
Certified Value	15.67	29.55	8.429
Standard Deviation	0.056	0.137	0.0144
Unit	%	%	%
Analyzed value	16.65	20.53	6.628



ISO 45001:2018



ISO 9001:2015



ISO 14001:2015



[www.ett.mn](http://www.ett.mn)



75055555  
1800-1072



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

