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# НҮҮРСНИЙ ОВООЛГЫН ҮЗҮҮЛЭЛТ

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№ ETT\_SP\_20005



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>(-0.6; +0.4)</p>	<p><b>ҮНСЛЭГ (db)</b></p> <p><b>19.8%</b></p> <p>(-4.6; +7.9)</p>	<p><b>ДЭГДЭМХИЙ (daf)</b></p> <p><b>32.99%</b></p> <p>(-1.4; +1.5)</p>
<p><b>НИЙТ ХҮХЭР (db)</b></p> <p><b>0.91%</b></p> <p>(-0.3; +0.4)</p>	<p><b>БАРЬЦАЛДАХ ЧАНАР</b></p> <p><b>58.0</b></p> <p>(-11; +11)</p>	<p><b>НҮҮРСНИЙ ХЭМЖЭЭ</b></p> <p><b>109.75</b></p> <p>МЯН.ТН</p>

Овоолгын насжилт 730 хоног  
НҮҮРСНИЙ ОВООЛГЫН ШИНЖИЛГЭЭНИЙ ҮР ДҮН

ALS GROUP LLC  
Mongol National Building, 2nd Floor  
Chinggis Avenue, Khan-Uul District  
Ulaanbaatar, Mongolia  
Tel +976 70 007667



CERTIFICATE OF ANALYSIS  
231272-TT

CLIENT: Erdenes Tavan Tolgoi JSC  
ADDRESS: Finance Center, Jigjidjav-8  
1st floor, Chinggisul District  
Ulaanbaatar, Mongolia  
ATTN: Galtzayo.B  
PROJECT NO. xxx  
LAB. JOB NO. 231272-TT  
NO. SAMPLES: 16  
Notes/Comments: xxx

SAMPLES RECEIVED: 30/Sep/23  
INSTRUCTIONS RECEIVED: 30/Sep/23  
DATE OF REPORT: 01/Oct/23  
STATUS OF REPORT: FINAL  
ANALYSIS COMPLETE: 01/Oct/23  
PREPARATION CODE: CRUSH-01, 02; MILL-01  
ANALYSIS CODE: 1. COKING COAL, CSN  
TM, ASH, MOIS, VOL,  
TSUL, CKN  
APPROVED BY: Laboratory Manager  
CHECKED BY: Chief Analyst

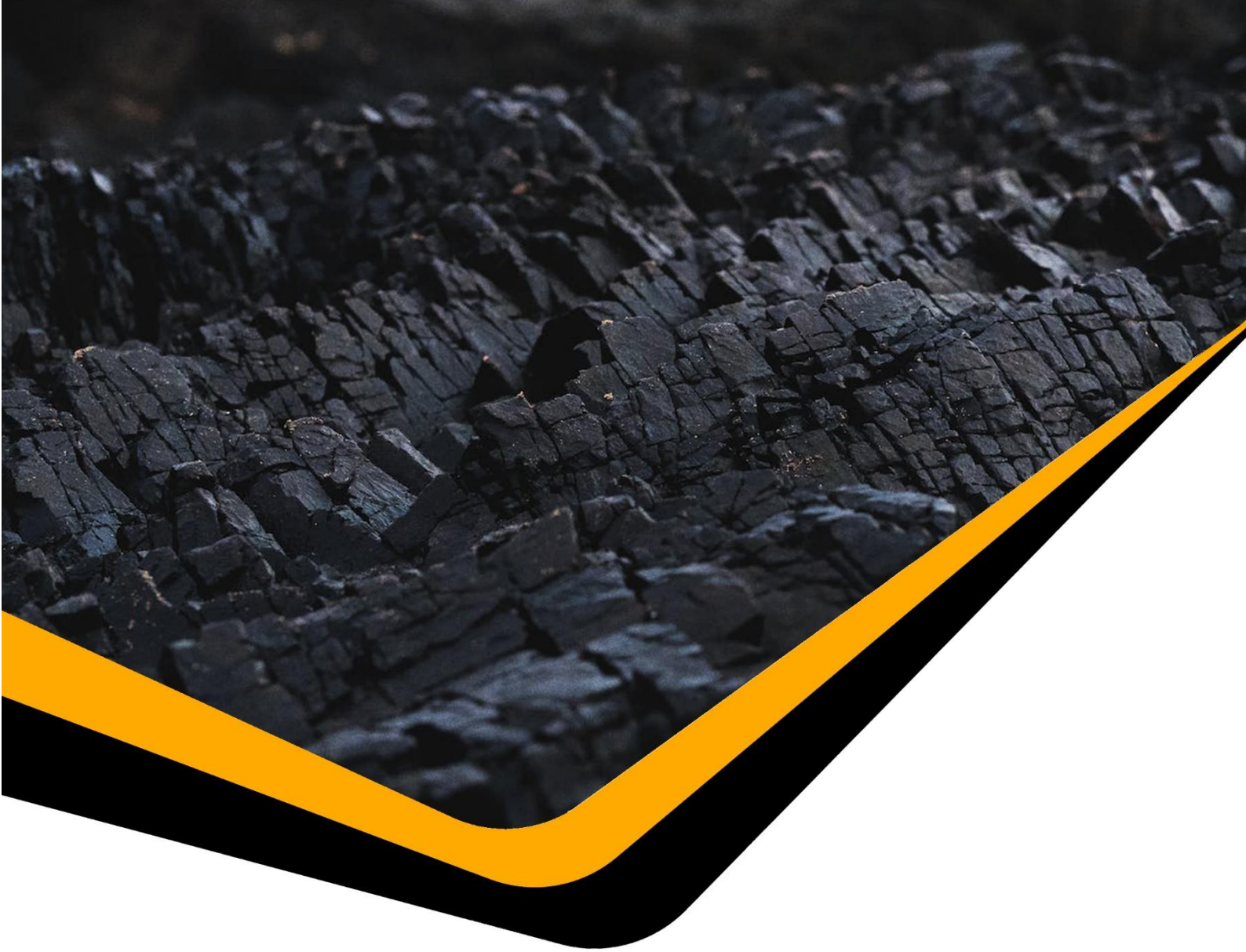
These test results are representative only of the sample received in the laboratory.

LAB NO.	SAMPLE NO.	AS RECEIVED BASIS										AIR DRIED BASIS										DRY BASIS										Crucible Swelling Number (CSN)	Coal Gelling Index (CKIN)	
		GB/T 211	GB/T 212	GB/T 212	GB/T 212	ISO 19579	GB/T 212	GB/T 212	GB/T 212	ISO 19579	GB/T 212	GB/T 212	GB/T 212	ISO 19579	GB/T 212	GB/T 212	GB/T 212	ISO 19579	GB/T 212	GB/T 212	GB/T 212	ISO 19579	GB/T 212	GB/T 212	GB/T 212	ISO 19579	GB/T 5448	GB/T 5447	5:1	3:3				
1	ETT_SP_20005_RS-1-1	3.44	25.92	22.65	47.99	1.09	0.98	26.58	23.22	49.21	1.11	26.84	23.46	49.70	1.13	32.06	67.94	1.54	4.0	50	-													
2	ETT_SP_20005_RS-1-2	3.93	26.59	22.66	46.82	1.25	1.00	27.40	23.35	48.25	1.29	27.68	23.59	48.73	1.30	32.62	67.38	1.80	4.0	53	-													
3	ETT_SP_20005_RS-1-3	3.84	15.79	25.42	54.95	0.87	1.04	16.25	26.16	56.55	0.90	16.42	26.43	57.14	0.91	31.63	68.37	1.08	5.0	64	-													
4	ETT_SP_20005_RS-1-4	3.65	14.98	28.19	55.18	0.61	1.06	15.38	26.90	56.66	0.82	15.54	27.19	57.27	0.83	32.19	67.81	0.75	5.5	69	-													
5	ETT_SP_20005_RS-1-5	3.39	20.55	26.26	49.80	1.12	0.96	21.06	26.92	51.06	1.15	21.27	27.18	51.55	1.16	34.52	65.48	1.47	5.0	59	-													
6	ETT_SP_20005_RS-2-1	4.11	23.90	23.94	48.05	0.82	1.14	24.64	24.68	49.54	0.84	24.92	24.97	50.11	0.85	33.26	66.74	1.13	4.5	47	-													
7	ETT_SP_20005_RS-2-2	4.09	17.52	26.14	52.25	0.80	1.16	18.06	26.94	53.84	0.82	18.27	27.26	54.48	0.83	33.35	66.65	1.02	4.5	56	-													
8	ETT_SP_20005_RS-2-3	4.21	17.23	25.50	53.07	0.77	1.14	17.78	26.31	54.77	0.79	17.98	26.62	55.40	0.80	32.45	67.55	0.98	4.5	53	-													
9	ETT_SP_20005_RS-2-4	4.07	18.15	25.98	51.79	0.90	1.04	18.72	26.80	53.43	0.93	18.92	27.09	53.99	0.94	33.41	66.59	1.16	5.0	60	-													
10	ETT_SP_20005_RS-3-1	3.58	19.78	25.02	51.63	0.94	1.11	20.28	26.64	52.95	0.97	20.51	26.95	53.54	0.98	32.64	67.36	1.23	5.0	57	-													
11	ETT_SP_20005_RS-3-2	3.26	21.74	25.18	49.82	0.91	1.02	22.25	25.76	50.98	0.93	22.48	26.03	51.50	0.94	33.57	66.43	1.22	5.0	55	-													
12	ETT_SP_20005_RS-3-3	4.01	18.88	24.71	52.39	0.75	1.22	19.43	25.43	53.92	0.77	19.67	25.75	54.58	0.78	32.05	67.95	0.97	5.0	53	-													
13	ETT_SP_20005_RS-3-4	4.25	14.53	27.29	53.92	0.67	1.27	14.99	28.14	55.60	0.69	15.18	28.50	56.32	0.70	33.60	66.40	0.82	5.5	61	-													
14	ETT_SP_20005_RS-4-1	4.04	18.01	26.59	51.26	0.85	1.08	18.57	27.41	52.94	0.88	18.77	27.71	53.52	0.89	34.11	65.89	1.09	5.5	66	-													
15	ETT_SP_20005_RS-4-2	3.77	14.60	27.16	54.66	0.73	1.27	14.98	27.87	55.87	0.75	15.18	28.23	56.59	0.76	33.28	66.72	0.89	5.5	60	-													
16	ETT_SP_20005_RS-4-3	3.96	16.78	25.99	53.27	1.00	1.13	17.27	26.76	54.83	1.03	17.47	27.06	55.46	1.04	32.79	67.21	1.26	5.5	63	-													

QUALITY ASSURANCE/QUALITY CONTROL DATA

STDALSWS-30/21	ASH	VOL	TSUL
Certified Value	10.70	20.35	0.606
Standard Deviation	0.059	0.204	0.0136
Unit:	%	%	%
Analyzed value:	10.69	20.36	0.605

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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1800-1072



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

