



---

# НҮҮРСНИЙ ОВООЛГЫН ҮЗҮҮЛЭЛТ

---

№ ETT\_SP\_SSC

---



ISO 45001:2018

---



ISO 9001:2015

---



ISO 14001:2015



НҮҮРСНИЙ ОВООЛГЫН ЧАНАРЫН ДУНДАЖ ҮЗҮҮЛЭЛТ

<p><b>НИЙТ ЧИЙГ (ar)</b></p> <p><b>5.0%</b></p> <p>-2.0; +3.0</p>	<p><b>ҮНСЛЭГ (db)</b></p> <p><b>&gt;14.0-</b></p> <p><b>19.0%</b></p>	<p><b>ДЭГДЭМХИЙ (daf)</b></p> <p><b>&gt;28.0-37.0%</b></p>
<p><b>НИЙТ ХҮХЭР (db)</b></p> <p><b>1.0%</b></p> <p>-0.3; +0.5</p>	<p><b>БАРЬЦАЛДАХ ЧАНАР</b></p> <p><b>&gt;65.0</b></p>	<p><b>НҮҮРСНИЙ ХЭМЖЭЭ</b></p> <p><b>32.0</b></p> <p>МЯН.ТН</p>

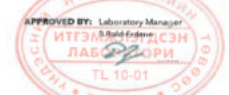
НҮҮРСНИЙ ОВООЛГЫН ШИНЖИЛГЭЭНИЙ ҮР ДҮН

ALS GROUP LLC  
Mongol National Building, 10th Khoroо  
Chinggis Avenue, Khan-Uul District  
Ulaanbaatar, Mongolia  
Tel +976 70 007667

CERTIFICATE OF ANALYSIS  
20A188, A225, A231, A281-TT

CLIENT: Erdenes Tavan Tolgoi JSC  
ADDRESS: Finance Center, Jigjidaа-8  
1st Khoroо, Chinggisai District  
Ulaanbaatar, Mongolia  
ATTN: Ganbaatar.B  
PROJECT NO.: xxx  
LAB. JOB NO.: 20A188, A225, A231, A281-TT  
NO. SAMPLES: 8  
Notes/Comments: xxx

SAMPLES RECEIVED: 13/01/2026 18/01/2026  
INSTRUCTIONS RECEIVED: 13/01/2026 18/01/2026  
DATE OF REPORT: 14/01/2026 19/01/2026  
STATUS OF REPORT: FINAL  
ANALYSIS COMPLETE: 14/01/2026 19/01/2026  
PREPARATION CODE: CSPSC, CSPC, CSPG  
ANALYSIS CODE: 1-2, COINING COAL  
TSUL, CSN, CSN

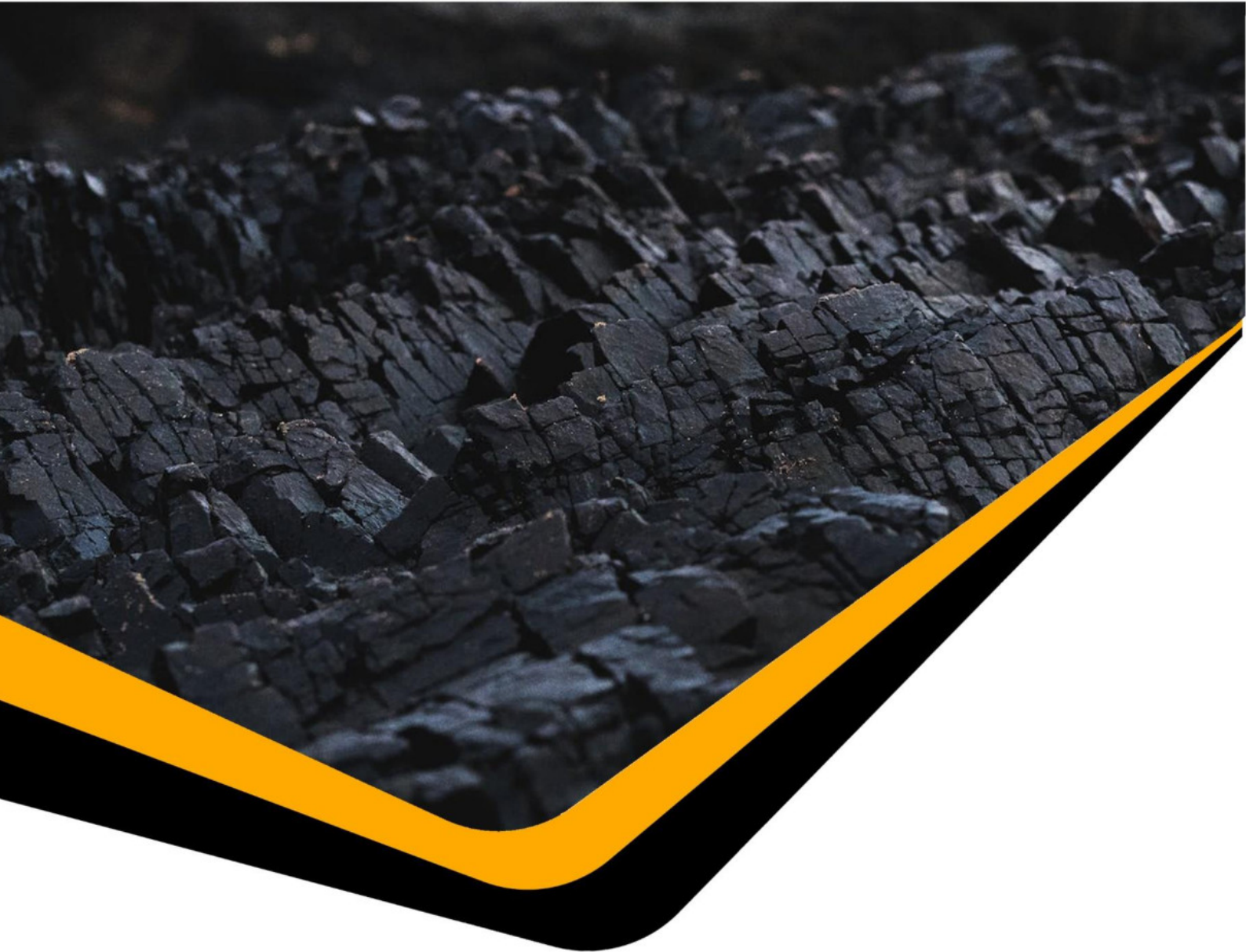


These test results are representative only of the material received in the laboratory.

LAB NO.	SAMPLE NO.	STANDARD METHOD										Crustible Swelling Number (CSN)	Coal Caking Index (CCI)							
		AS RECEIVED BASIS					AIR DRIED BASIS						GB/T 5447	5:1	3:3					
		GB/T 214	GB/T 214	GB/T 212	ISO 15579	GB/T 212	GB/T 212	GB/T 212	ISO 15579	GB/T 212	GB/T 212	ISO 15579				GB/T 212	GB/T 212	ISO 15579	GB/T 5448	GB/T 5447
		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)	Fixed Carbon	Total Sulphur (TSUL)	Total Sulphur (TSUL)		
1	2617213	3.70	18.91	26.40	50.99	0.95	0.80	19.48	27.19	52.52	0.98	19.44	27.41	52.95	0.99	34.11	65.89	1.23	7.0	85
2	2617313	4.00	18.47	27.56	50.47	1.10	0.80	19.09	27.96	52.15	1.14	19.24	28.19	52.57	1.15	34.90	65.10	1.42	7.0	83
3	2617413	3.86	18.91	26.44	50.80	1.11	0.80	19.51	27.28	52.41	1.15	19.67	27.50	52.83	1.16	34.23	65.77	1.44	6.5	81
4	2619514	3.77	22.64	25.05	48.53	1.21	0.70	23.37	25.85	50.08	1.25	23.53	26.03	50.44	1.26	34.04	65.96	1.65	6.5	78
5	2619514	3.98	19.40	26.31	50.31	1.54	0.70	20.06	27.21	52.03	1.59	20.21	27.40	52.40	1.61	34.33	65.67	2.01	6.5	82
6	2620315	3.73	17.13	27.36	51.78	0.84	0.81	17.65	28.19	52.35	0.87	17.80	28.42	52.78	0.87	34.57	65.43	1.06	7.0	85
7	2622818	5.13	14.50	27.81	52.56	0.99	0.79	15.17	29.08	54.96	1.04	15.29	29.31	55.40	1.05	34.60	65.40	1.23	7.0	87
8	2622918	4.50	15.52	27.60	52.38	0.89	0.64	16.15	28.71	54.50	0.93	16.25	28.90	54.85	0.93	34.51	65.49	1.11	7.0	84

QUALITY ASSURANCE/QUALITY CONTROL DATA

STANDARD	ASH	VOL	TSUL
ISO 15579-51/25	10.93	20.60	0.683
Certified Value	10.93	20.61	0.680
Standard Deviation	0.049	0.075	0.007
Unit	%	%	%
Analysed value	10.93	20.60	0.683



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

