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# НҮҮРСНИЙ ОВООЛГЫН ҮЗҮҮЛЭЛТ

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№ ETT\_SP\_SSC

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ISO 45001:2018

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ISO 9001:2015

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ISO 14001:2015



НҮҮРСНИЙ ОВООЛГЫН ЧАНАРЫН ДУНДАЖ ҮЗҮҮЛЭЛТ

НИЙТ ЧИЙГ (ar)

**≤8.0%**

ҮНСЛЭГ (db)

**≤9.0%**

ДЭГДЭМХИЙ (daf)

**>28-37.0%**

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НИЙТ ХҮХЭР (db)

**≤1.0%**

БАРЬЦАЛДАХ ЧАНАР

**≥75.0**

НҮҮРСНИЙ ХЭМЖЭЭ

**64.0**

МЯН.ТН

НҮҮРСНИЙ ОВООЛГЫН ШИНЖИЛГЭЭНИЙ ҮР ДҮН

ALS GROUP LLC  
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CERTIFICATE OF ANALYSIS  
25L134, L158, L192, L198, L219, L243, L293-TT

CLIENT: Erdenes Tavan Tolgoi JSC  
ADDRESS: Finance Center, Jigidiin-8  
1st Khosoo, Chingelhei District  
Ulaanbaatar, Mongolia  
ATTN: Galtzaya.B  
PROJECT NO. xxx  
LAB. JOB NO. 25L134, L158, L192, L198, L219, L243, L293-TT  
NO. SAMPLES: 10  
Notes/Comments: xxx

SAMPLES RECEIVED: 9/12/2025 17/12/2025  
INSTRUCTIONS RECEIVED: 9/12/2025 17/12/2025  
DATE OF REPORT: 10/12/2025 18/12/2025  
STATUS OF REPORT: FINAL  
ANALYSIS COMPLETE: 10/12/2025 18/12/2025  
PREPARATION CODE: CSPQC, CSPC, CSPG  
ANALYSIS CODE: 1M, MOIS, ASH, VOL  
TSTU: CSN, CKIN



The test results are representative only of the samples received in the laboratory.

LAB NO.	SAMPLE NO.	AS RECEIVED BASIS										AIR DRIED BASIS										DRY BASIS										Crucible Swelling Number (CSN)	Coal Caking Index (CKIN)
		GB/T 211		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		ISO 19579		GB/T 212		GB/T 212		ISO 19579					
		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)	Ash (ASH)	Volatile Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)	Ash (ASH)	Volatile Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)	Ash (ASH)	Volatile Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)	Ash (ASH)	Volatile Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)		
1	25353409	7.68	7.49	30.88	53.93	0.57	1.26	8.01	33.02	57.49	0.61	8.11	33.45	58.44	0.62	34.41	63.59	0.67	7.0	86	6:1	3:3											
2	25354109	7.13	8.11	30.82	53.94	0.66	1.01	8.64	32.85	57.50	0.70	8.73	33.19	58.08	0.71	34.36	63.64	0.78	7.0	86													
3	25357311	7.44	3.31	33.68	55.56	0.90	1.27	3.53	35.93	59.27	0.96	3.58	36.39	60.03	0.97	37.74	62.26	1.00	7.5	94													
4	25357412	7.32	7.01	31.01	54.66	0.53	1.05	7.48	33.11	58.36	0.57	7.56	33.46	58.98	0.58	36.20	63.80	0.62	7.0	89													
5	25359613	5.73	9.79	30.79	53.69	0.58	0.96	10.28	32.38	56.41	0.61	10.38	32.66	56.96	0.61	36.45	63.55	0.68	7.0	85													
6	25359713	5.60	7.08	32.38	54.94	0.65	0.97	7.43	33.97	57.64	0.68	7.50	34.30	58.20	0.68	37.08	62.92	0.74	7.0	85													
7	25361814	6.02	5.92	32.03	56.03	0.81	1.20	6.23	33.67	58.90	0.85	6.30	34.08	59.62	0.86	36.37	63.63	0.92	7.0	81													
8	25361914	5.71	6.35	32.12	55.83	0.57	1.08	6.66	33.69	58.57	0.60	6.73	34.06	59.21	0.61	36.52	63.48	0.65	7.0	82													
9	25366717	4.15	6.25	33.49	56.11	0.56	1.14	6.45	34.54	57.87	0.57	6.52	34.94	58.44	0.58	37.38	62.62	0.62	7.5	91													
10	25368817	4.17	7.47	32.88	55.48	0.65	1.16	7.70	33.91	57.23	0.67	7.79	34.31	57.90	0.68	37.21	62.79	0.74	7.0	87													

QUALITY ASSURANCE/QUALITY CONTROL DATA

SIIDALEWS-41/25	ASH	VOL	TSUL
Certified Value	10.93	20.61	0.680
Standard Deviation	0.049	0.076	0.007
Unit	%	%	%
Analyzed value	10.89	20.58	0.684

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. COPY REPORT PROTECTED DOCUMENT