



НҮҮРСНИЙ ОВООЛГЫН ҮЗҮҮЛЭЛТ

№ ETT_SP_TC



ISO 45001:2018



ISO 9001:2015



ISO 14001:2015



НҮҮРСНИЙ ОВООЛГЫН ЧАНАРЫН ДУНДАЖ ҮЗҮҮЛЭЛТ

НИЙТ ЧИЙГ (ar)

≤9.0%

НИЙТ ХҮХЭР (db)

1.0%

(-0.3; +0.5)

ДЭГДЭМХИЙ (daf)

≤37.0%

ИЛЧЛЭГ

5000

(-500; +500)

БАРЬЦАЛДАХ
ЧАНАР

≤5.0

-

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
25D309,E57,E299,F36,G09,G230,G344-TT

CLIENT: Erdenes Tavantolgoi JSC
ADDRESS: Finance Center, Jigjidjav-8
1st khoroo, Chingelhei District
Ulaanbaatar, Mongolia
ATTN: Erkhembayar.M
PROJECT NO. xxx
LAB. JOB NO. 25D309,E57,E299,F36,G09,G230,G344-TT
NO. SAMPLES: 15
Notes/Comments: xxx

SAMPLES RECEIVED: 30/04/2025 27/07/2025
INSTRUCTIONS RECEIVED: 30/04/2025 27/07/2025
DATE OF REPORT: 1/05/2025 28/07/2025
STATUS OF REPORT: FINAL
ANALYSIS COMPLETE: 1/05/2025 28/07/2025
PREPARATION CODE: CRUSH-01, 02, MILL-01
ANALYSIS CODE: 2.1 THERMAL COAL
TM, MOIS, ASH, VOL, TSUL,
GCV, CSN, CXIN

APPROVED BY: Laboratory Manager
CHECKED BY: Chief Chemist
TL 10-01
J.T.0403

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

STANDARD METHOD		GB/T 211	GB/T 212	GB/T 212	GB/T 212	ISO 19579	GB/T 213	GB/T 212	GB/T 212	GB/T 212	GB/T 212	GB/T 212	GB/T 212	ISO 19579	GB/T 213
		AS RECEIVED BASIS													
LAB NO.	SAMPLE NO.	Total Moisture (TM)	Ash (ASH)	Volatile Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	Gross Calorific Value (GCV)	Moisture (MOIS)	Ash (ASH)	Volatile Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	Gross Calorific Value (GCV)		
		%	%	%	%	%	kcal/kg	%	%	%	%	%	kcal/kg		
1	25112430	3.76	21.68	18.27	56.29	1.03	6118	1.06	22.29	18.78	57.87	1.06	6290		
2	25112530	7.27	18.62	18.32	55.79	0.62	5923	2.67	19.55	19.23	58.55	0.65	6217		
3	25119306	6.98	16.78	16.80	59.44	0.45	6139	1.77	17.72	17.74	62.77	0.48	6482		
4	25119406	6.41	14.53	17.81	61.25	0.60	6486	1.72	15.25	18.70	64.32	0.63	6811		
5	25148226	8.22	16.54	17.71	57.53	0.46	6080	2.40	17.59	18.83	61.18	0.49	6466		
6	25148326	8.26	19.27	16.82	55.65	0.48	5821	2.14	20.56	17.94	59.37	0.51	6210		
7	25148626	8.46	17.13	16.58	57.83	0.45	5999	1.89	18.36	17.77	61.98	0.48	6430		
8	25158603	3.51	14.87	17.27	64.36	0.61	6822	1.15	15.23	17.69	65.93	0.63	6989		
9	25158703	6.80	20.88	17.64	54.68	0.47	5769	2.16	21.92	18.52	57.40	0.49	6056		
10	25173001	5.82	14.91	22.43	56.84	0.43	6206	2.28	15.47	23.27	58.98	0.45	6440		
11	25173101	6.72	13.46	23.96	55.86	0.36	6219	2.49	14.07	25.05	58.39	0.38	6501		
12	25186419	2.82	22.00	17.57	57.61	1.02	6357	0.78	22.46	17.94	58.82	1.04	6490		
13	25186519	3.15	18.11	17.40	61.34	1.15	6675	0.79	18.55	17.82	62.84	1.17	6837		
14	25199827	1.75	19.45	17.59	61.21	0.89	6716	0.62	19.67	17.79	61.92	0.90	6793		
15	25199927	1.39	18.76	18.37	61.47	1.21	6735	0.50	18.93	18.54	62.03	1.22	6796		

QUALITY ASSURANCE/QUALITY CONTROL DATA

STDALSW5-40/23	ASH	VOL	GCV	TSUL
Certified Value	16.67	20.55	7696	0.620
Standard Deviation	0.056	0.137	24	0.0166
Unit	%	%	kcal/kg	%
Analyzed value	16.65	20.58	7687	0.616

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 RIGHT PROTECTED DOCUMENT

Page 4 of 9