



НҮҮРСНИЙ ОВООЛГЫН ҮЗҮҮЛЭЛТ

Баяжуулсан сул коксжих



НҮҮРСНИЙ ОВООЛГЫН ЧАНАРЫН ҮЗҮҮЛЭЛТ

НИЙТ ЧИЙГ (ar)

$\leq 10\%$

ҮНСЛЭГ (db)

$\leq 12\%$

ДЭГДЭМХИЙ (daf)

> 28

НИЙТ ХҮХЭР (db)

$\leq 0.85\%$

БАРЬЦАЛДАХ
ЧАНАР

≥ 75.0

ALS GROUP LLC

Mongol Nekhmei Building, 19nd khoroo
Chinggis Avenue, Khan-Uul District
Ulaanbaatar, Mongolia
Tel +976 70 007667


**CERTIFICATE OF ANALYSIS
26H47-TT**

CLIENT: Tavantolgoi LLC
ADDRESS: Umnugovi, Tsogtsetsii
Tsagaan ovoo bag
Tavantolgoi LLC
ATTN: Khatanbaatar.P
PROJECT NO. xxx
LAB. JOB NO. 26H47-TT
NO. SAMPLES: 4
Notes/Comments: xxx

SAMPLES RECEIVED: 28/Aug/26
INSTRUCTIONS RECEIVED: 28/Aug/26
DATE OF REPORT: 31/Aug/26
STATUS OF REPORT: FINAL
ANALYSIS COMPLETE: 31/Aug/26
PREPARATION CODE: CRUSH-01, 02; MILL-01
ANALYSIS CODE: TM, MOIS, ASH, VOL, TSUL,
GCV, CSN, CKIN

APPROVED BY: Laboratory Manager



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

LAB NO.	SAMPLE NO.	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	ISO 19579	GB/T 213
		AS RECEIVED BASIS						AIR DRIED BASIS					
		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	БАЯЖУУЛСАН СУЛ КОКСЖИХ ОВООЛГО ДЭЭЖ-1	9.03	11.62	25.35	54.01	0.67	6842	0.94	12.65	27.60	58.81	0.73	7450
2	БАЯЖУУЛСАН СУЛ КОКСЖИХ ОВООЛГО ДЭЭЖ-2	10.30	9.81	25.81	54.08	0.61	6873	1.03	10.82	28.48	59.67	0.67	7583
3	БАЯЖУУЛСАН СУЛ КОКСЖИХ ОВООЛГО ДЭЭЖ-3	6.15	11.01	26.99	55.84	0.63	7154	0.97	11.62	28.48	58.93	0.66	7549
4	БАЯЖУУЛСАН СУЛ КОКСЖИХ ОВООЛГО ДЭЭЖ-4	4.32	10.01	26.21	59.46	0.77	7355	0.92	10.37	27.14	61.57	0.79	7616

QUALITY ASSURANCE/QUALITY CONTROL DATA

STDALSWS-41/25	ASH	VOL	GCV	TSUL
Certified Value	10.93	20.61	7691	0.680
Standard Deviation	0.049	0.076	12	0.007
Unit	%	%	kcal/kg	%
Analyzed value	10.92	20.60	7690	0.682

ALS GROUP LLC

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26H47-TT**

CLIENT: Tavantolgoi LLC

ADDRESS: Umnugovi, Tsogttsetsii
Tsagaan ovoo bag
Tavantolgoi LLC

ATTN: Khatanbaatar.P

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STANDARD METHOD		GB/T 212	GB/T 212	GB/T 212	ISO 19579	GB/T 213	GB/T 212	GB/T 212	ISO 19579	GB/T 213	GB/T 5448	GB/T 5447		
LAB NO.	SAMPLE NO.	DRY BASIS					DRY, ASH-FREE BASIS					Crucible Swelling Number (CSN)	Coal Caking Index (CKIN)	
		Ash (ASH)	Volatile Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	Gross Calorific Value (GCV)	Volatile Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	Gross Calorific Value (GCV)				
		%					kcal/kg	%			kcal/kg		5:1	3:3
1	БАЯЖУУЛСАН СУЛ КОКСЖИХ ОВООЛГО ДЭЭЖ-1	12.77	27.86	59.37	0.73	7521	31.94	68.06	0.84	8622	7.0	88	-	
2	БАЯЖУУЛСАН СУЛ КОКСЖИХ ОВООЛГО ДЭЭЖ-2	10.94	28.77	60.29	0.68	7662	32.31	67.69	0.76	8603	7.5	92	-	
3	БАЯЖУУЛСАН СУЛ КОКСЖИХ ОВООЛГО ДЭЭЖ-3	11.74	28.76	59.50	0.67	7622	32.59	67.41	0.76	8636	7.5	92	-	
4	БАЯЖУУЛСАН СУЛ КОКСЖИХ ОВООЛГО ДЭЭЖ-4	10.46	27.40	62.14	0.80	7687	30.60	69.40	0.90	8585	7.0	87	-	