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# НҮҮРСНИЙ ОВООЛГЫН ҮЗҮҮЛЭЛТ

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№S4-01

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## НҮҮРСНИЙ ОВОЛГЫН ЧАНАРЫН ДУНДАЖ ҮЗҮҮЛЭЛТ

НИЙТ ЧИЙГ (ar)

**1.9%**

(-0.5; +2.5)

ҮНСЛЭГ (db)

**18.9%**

(-4.0; +6.0)

ДЭГДЭМХИЙ (daf)

**28.8%**

(-0.7; +2.0)

НИЙТ ХҮХЭР (db)

**0.9%**

(-0.3; +0.2)

БАРЬЦАЛДАХ  
ЧАНАР

**70.0%**

(-4.0; +5.0)

ALS GROUP LLC  
Mongol Nektmel Building, 19nd khoroo  
Chinggis Avenue, Khan-Uul District  
Ulaanbaatar, Mongolia  
Tel +976 70 007667

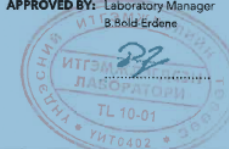


## CERTIFICATE OF ANALYSIS 26A233-TT

**CLIENT:** Tavantolgoi LLC  
**ADDRESS:** Umnugovi, Tsogtsetsii  
Tsagaan ovoo bag  
Tavantolgoi LLC  
**ATTN:** Khatanbaatar.P  
**PROJECT NO.:** xxx  
**LAB. JOB NO.:** 26A233-TT  
**NO. SAMPLES:** 1  
**Notes/Comments:** xxx

**SAMPLES RECEIVED:** 14/Jan/26  
**INSTRUCTIONS RECEIVED:** 14/Jan/26  
**DATE OF REPORT:** 19/Jan/26  
**STATUS OF REPORT:** FINAL  
**ANALYSIS COMPLETE:** 19/Jan/26  
**PREPARATION CODE:** CRUSH-01\_02; MILL-01  
**ANALYSIS CODE:** TM, MOIS, ASH, VOL, TSUL,  
GCV, CSN, CKIN

**APPROVED BY:** Laboratory Manager  
B.Bold Erdene



*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	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	S4-01-2	3.13	18.40	22.60	55.88	1.05	6628	0.59	18.88	23.19	57.34	1.08	6801	

### QUALITY ASSURANCE/QUALITY CONTROL DATA

STDAISWS-41/25	ASH	VOL	GCV	TSUL
Certified Value	10.93	20.61	7691	0.680
Standard Deviation	0.049	0.076	12	0.097
Unit	%	%	kcal/kg	%
Analyzed value	10.93	20.59	7692	0.681

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



## CERTIFICATE OF ANALYSIS 26A233-TT

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**ADDRESS:** Umnugovi, Tsogtsetsii  
Tsagaan ovoo bag  
Tavantolgoi LLC  
**ATTN:** Khatanbaatar.P  
**PROJECT NO.:** xxx  
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GCV, CSN, CKIN

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

LAB NO.	SAMPLE NO.	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			
		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		
1	S4-01-2	18.99	23.33	57.68	1.08	6842	28.80	71.20	1.34	8446	6.0	70	3:3		