
НҮҮРСНИЙ ОВООЛГЫН ҮЗҮҮЛЭЛТ

№S4a-01



НҮҮРСНИЙ ОВОЛГЫН ЧАНАРЫН ДУНДАЖ ҮЗҮҮЛЭЛТ

НИЙТ ЧИЙГ (ar)

1.37%

(-0.5; +2.5)

ҮНСЛЭГ (db)

18.37%

(-4.0; +5.0)

ДЭГДЭМХИЙ (daf)

30.69%

(-2.0; +2.0)

НИЙТ ХҮХЭР (db)

1.01%

(-0.3; +0.2)

БАРЬЦАЛДАХ
ЧАНАР

71%

(-6.0; +6.0)

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



CERTIFICATE OF ANALYSIS 26D313-TT

CLIENT: Tavantolgoi LLC
ADDRESS: Umnugovi, Tsogttsetsil
Tsagaan ovoо bag
Tavantolgoi LLC
ATTN: Dorjsuren.N
PROJECT NO. xxx
LAB. JOB NO. 26D313-TT
NO. SAMPLES: 3
Notes/Comments: xxx

SAMPLES RECEIVED: 29/Apr/26
INSTRUCTIONS RECEIVED: 29/Apr/26
DATE OF REPORT: 01/May/26
STATUS OF REPORT: FINAL
ANALYSIS COMPLETE: 01/May/26
PREPARATION CODE: CRUSH-01, 02; MILL-01
ANALYSIS CODE: TM, MOIS, ASH, VOL, TSUL,
GCV, CSN, CKIN



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	S4a-01-1	1.70	18.95	23.90	55.45	1.06	6773	0.47	19.19	24.20	56.15	1.08	6858	
2	S4a-01-2	0.81	24.24	23.35	51.60	1.90	6238	0.40	24.34	23.45	51.81	1.91	6264	
3	S4a-01-3	0.95	17.27	23.56	58.22	0.92	6900	0.42	17.36	23.69	58.53	0.93	6937	

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	10.91	20.62	7686	0.682

ALS GROUP LLC
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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						
		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)	Crucible Swelling Number (CSN)	Coal Caking Index (CKIN)		
		%						%					5:1	3:3
1	S4a-01-1	19.28	24.31	56.41	1.08	6890	30.11	69.89	1.34	8536	6.0	72	-	
2	S4a-01-2	24.44	23.54	52.02	1.92	6289	31.15	68.85	2.54	8322	5.5	68	-	
3	S4a-01-3	17.43	23.79	58.78	0.93	6967	28.81	71.19	1.13	8438	5.5	67	-	