
НҮҮРСНИЙ ОВООЛГЫН ҮЗҮҮЛЭЛТ

№S3-07



НҮҮРСНИЙ ОВООЛГЫН ЧАНАРЫН ДУНДАЖ ҮЗҮҮЛЭЛТ

НИЙТ ЧИЙГ (ar)

2.11%

(-0.5; +2.5)

ҮНСЛЭГ (db)

15.1%

(-4.0; +4.0)

ДЭГДЭМХИЙ (daf)

27.1%

(-2.0; +0.9)

НИЙТ ХҮХЭР (db)

0.89%

(-0.3; +0.2)

БАРЬЦАЛДАХ
ЧАНАР**74.6%**

(-8.0; +10.0)

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



CERTIFICATE OF ANALYSIS 25H484-TT

CLIENT: Tavantolgoi LLC
ADDRESS: Umnugovi, Tsogtsetsii
Tsagaan овоо bag
Tavantolgoi LLC
ATTN: Anarerdene.S
PROJECT NO. xxx
LAB. JOB NO. 25H484-TT
NO. SAMPLES: 3
Notes/Comments: xxx

SAMPLES RECEIVED: 27/Aug/25
INSTRUCTIONS RECEIVED: 27/Aug/25
DATE OF REPORT: 04/Sep/25
STATUS OF REPORT: FINAL
ANALYSIS COMPLETE: 04/Sep/25
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										AS RECEIVED BASIS				AIR DRIED BASIS					
		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	GB/T 212	GB/T 212	GB/T 212	GB/T 212	GB/T 212	GB/T 212	GB/T 212	GB/T 212
		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)	Moisture (MOIS)	Ash (ASH)	Volatile Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	Gross Calorific Value (GCV)	Moisture (MOIS)	Ash (ASH)
				%			kcal/kg				%						%				
1	R3-S3-07-08/27#1	2.31	16.88	22.23	58.59	0.81	7047	0.83	17.13	22.56	59.47	0.82	7153								
2	R3-S3-07-08/27#2	1.15	13.71	23.35	61.78	0.90	7385	0.75	13.77	23.45	62.03	0.90	7416								
3	R3-S3-07-08/27#3	2.88	13.82	21.96	61.34	0.91	7209	0.84	14.11	22.43	62.63	0.93	7361								

QUALITY ASSURANCE/QUALITY CONTROL DATA

STDALSW-41/25	ASH	VOL	GCV	TSUL
Certified Value	10.23	20.61	7691	0.680
Standard Deviation	0.049	0.076	12	0.007
Unit	%	%	kcal/kg	%
Analyzed value	10.92	20.63	7692	0.678

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ATTN: Anarerdene.S
PROJECT NO. xxx
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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							
1	R3-S3-07-08/27#1	17.28	22.75	59.97	0.83	7213	27.51	72.49	1.00	8720	6.0	73	3:3
2	R3-S3-07-08/27#2	13.87	23.63	62.50	0.91	7472	27.43	72.57	1.05	8675	6.5	79	
3	R3-S3-07-08/27#3	14.23	22.62	63.16	0.94	7423	26.37	73.63	1.10	8654	6.0	72	