



CERTIFICATE OF ANALYSIS
25J125-TT

CLIENT: Tavantolgoi LLC
ADDRESS: Umnugovi, Tsogttsetsii
Tsagaan ovoo bag
Tavantolgoi LLC
ATTN: Dorjsuren.N
PROJECT NO. xxx
LAB. JOB NO. 25J125-TT
NO. SAMPLES: 1
Notes/Comments: xxx

SAMPLES RECEIVED: 07/Oct/25
INSTRUCTIONS RECEIVED: 07/Oct/25
DATE OF REPORT: 10/Oct/25
STATUS OF REPORT: FINAL
ANALYSIS COMPLETE: 10/Oct/25
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				AS RECEIVED BASIS				AIR DRIED BASIS				ISO 19579		GB/T 213	
		GB/T 211	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	GB/T 213
1	TT-25-S4R-01	Total Moisture (TM)	Ash (ASH)	Volatle Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	Gross Calorific Value (GCV)	Moisture (MOIS)	Ash (ASH)	Volatle Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	Gross Calorific Value (GCV)				
		2.03	32.18	19.51	46.28	0.69	5475	0.68	32.62	19.78	46.92	0.70	5550				

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	20.59	7689	0.677

ALS GROUP LLC

Mongol Nekhmel Building, 2nd khoroo
Chinggis Avenue, Khan-Uul District
Ulaanbaatar, Mongolia
Tel +976 70 007667



CERTIFICATE OF ANALYSIS
25J125-TT

CLIENT: Tavantolgoi LLC

ADDRESS: Umnugovi, Tsogtsetsii
Tsagaan ovoo bag
Tavantolgoi LLC

ATTN: Dorjsuren.N

PROJECT NO. xxx

LAB. JOB NO. 25J125-TT

NO. SAMPLES: 1

Notes/Comments: xxx

SAMPLES RECEIVED: 07/Oct/25
INSTRUCTIONS RECEIVED: 07/Oct/25
DATE OF REPORT: 10/Oct/25
STATUS OF REPORT: FINAL
ANALYSIS COMPLETE: 10/Oct/25
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.

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 213	GB/T 5448	GB/T 5447	
		DRY BASIS						DRY, ASH-FREE BASIS						
LAB NO.	SAMPLE NO.	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)		
		%						%						
		kcal/kg						kcal/kg						
1	TT-25-S4R-01	32.84	19.91	47.24	0.70	5588	29.65	70.35	1.04	8321	4.0	5:1	3:3	
												50		