

ALS GROUP LLC

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


**CERTIFICATE OF ANALYSIS
25C106-TT**

CLIENT: Tavantolgoi LLC
ADDRESS: Umnugovi, Tsogttsetsii
Tsagaan ovoo bag
Tavantolgoi LLC
ATTN: Javkhlanbayar.B
PROJECT NO. xxx
LAB. JOB NO. 25C106-TT
NO. SAMPLES: 1
Notes/Comments: xxx

SAMPLES RECEIVED: 10/Mar/25
INSTRUCTIONS RECEIVED: 10/Mar/25
DATE OF REPORT: 12/Mar/25
STATUS OF REPORT: FINAL
ANALYSIS COMPLETE: 12/Mar/25
PREPARATION CODE: CRUSH-01, 02; MILL-01
ANALYSIS CODE: TM, MOIS, ASH, VOL, TSUL,
GCV, CSN, CKIN

APPROVED BY: Laboratory Manager
Quality Manager

CHECKED BY: Chief Chemist

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

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
LAB NO.	SAMPLE NO.	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)
1	S5-01	6.35	19.93	%	23.99	49.73	0.85	6234	0.76	21.12	25.42	52.70	0.90
							kcal/kg						kcal/kg
													6606

QUALITY ASSURANCE/QUALITY CONTROL DATA

STDALWS-40/23	ASH	VOL	GCV	TSUL
Certified Value	10.67	20.55	7696	0.620
Standard Deviation	0.056	0.137	24	0.0144
Unit	%	%	kcal/kg	%
Analyzed value	10.66	20.56	7698	0.619

ALS GROUP LLC

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

**CERTIFICATE OF ANALYSIS
25C106-TT**

CLIENT: Tavantolgoi LLC

ADDRESS: Umnugovi, Tsogttsetsii
Tsagaan ovoo bag
Tavantolgoi LLC

ATTN: Javkhlanbayar.B

PROJECT NO. xxx

LAB. JOB NO. 25C106-TT

NO. SAMPLES: 1

Notes/Comments: xxx

SAMPLES RECEIVED: 10/Mar/25
INSTRUCTIONS RECEIVED: 10/Mar/25
DATE OF REPORT: 12/Mar/25
STATUS OF REPORT: FINAL
ANALYSIS COMPLETE: 12/Mar/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 5448	GB/T 5447	
LAB NO.	SAMPLE NO.	DRY BASIS					DRY, ASH-FREE BASIS					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)	Crucible Swelling Number (CSN)		
		%				kcal/kg	%				kcal/kg	5:1	3:3
1	S5-01	21.28	25.62	53.10	0.90	6656	32.54	67.46	1.15	8456	6.5	81	-