

ALS GROUP LLC

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



CERTIFICATE OF ANALYSIS
24D242-TT

CLIENT: Tavantolgoi LLC

ADDRESS: Umnugovi, Tsogtsetsii
Tsagaan ovoo bag
Tavantolgoi LLC

ATTN: Dorjsuren

PROJECT NO.: xxx

LAB. JOB NO.: 24D242-TT

NO. SAMPLES: 2

Notes/Comments: xxx

SAMPLES RECEIVED: 27/Apr/24

INSTRUCTIONS RECEIVED: 27/Apr/24

DATE OF REPORT: 01/May/24

STATUS OF REPORT: FINAL

ANALYSIS COMPLETE: 01/May/24

PREPARATION CODE: CRUSH-01, 02; MILL-01

ANALYSIS CODE: TM, MOIS, ASH, VOL, TSUL,

GCV, CSN, CRIN

APPROVED BY: Laboratory Manager
[Signature]
Quality Manager

CHECKED BY: Chief Chemist

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

LAB NO.	STANDARD METHOD	SAMPLE NO.	AS RECEIVED BASIS				AIR DRIED BASIS				Gross Calorific Value (GCV) kcal/kg			
			GB/T 211	GB/T 212	GB/T 212	GB/T 212	GB/T 212	GB/T 212	GB/T 212	ISO 19579		ISO 19579		
1	R3-S3-02-01		Total Moisture (TM)	Ash (ASH)	Volatile Matter (VOL) %	Fixed Carbon (FC)	Total Sulphur (TSUL)	Gross Calorific Value (GCV) kcal/kg	Moisture (MOIS)	Ash (ASH)	Volatile Matter (VOL) %	Fixed Carbon (FC)	Total Sulphur (TSUL)	Gross Calorific Value (GCV) kcal/kg
			2.97	9.67	24.27	63.09	0.49	7544	0.54	9.91	24.88	64.67	0.50	7733
2	R3-S4-01-03		3.92	8.98	25.00	62.10	0.49	7521	0.68	9.29	25.84	64.19	0.51	7775

QUALITY ASSURANCE/QUALITY CONTROL DATA

STD/ALWS-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	10.65	20.58	7699	0.619

ALS GROUP LLC

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



CERTIFICATE OF ANALYSIS
24D242-TT

CLIENT: Tavantolgoi LLC

ADDRESS: Umnugovi, Tsogttsetsii
Tsagaan ovoo bag
Tavantolgoi LLC

ATTN: Dorjsuren

PROJECT NO.: xxx

LAB. JOB NO.: 24D242-TT

NO. SAMPLES: 2

Notes/Comments: xxx

SAMPLES RECEIVED: 27/Apr/24
INSTRUCTIONS RECEIVED: 27/Apr/24
DATE OF REPORT: 01/May/24
STATUS OF REPORT: FINAL
ANALYSIS COMPLETE: 01/May/24
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.	STANDARD METHOD	SAMPLE NO.	GB/T 212		GB/T 212		ISO 19579		GB/T 213		GB/T 213		GB/T 5448		GB/T 5447	
			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 (C:KIN)			
1		R3-S3-02-01	9.96	25.01	65.03	0.51	7775	27.78	72.22	0.56	8635	7.0	86	5:1	3:3	
2		R3-S4-01-03	9.35	26.02	64.63	0.51	7828	28.70	71.30	0.57	8636	7.0	86			