ALS GROUP LLC

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





CERTIFICATE OF ANALYSIS 24E171-TT

CLIENT:

Tavantolgoi LLC

ADDRESS:

Umnugovi, Tsogttsetsii

Tsagaan ovoo bag Tavantolgoi LLC

ATTN:

Anar-Erdene.S

PROJECT NO.

XXX

LAB. JOB NO.

24E171-TT

NO. SAMPLES:

2

Notes/Comments:

XXX

SAMPLES RECEIVED: 15/May/24

INSTRUCTIONS RECEIVED: 15/May/24

DATE OF REPORT: 17/May/24

STATUS OF REPORT: FINAL

ANALYSIS COMPLETE: 17/May/24

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

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

GCV, CSN, CKIN

APPROVED BY: Laboratory Manager

Ch Orognolin

пабораторQuality Manager

TL Nº 10

CHECKED BY: Chief Chemist

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

STANDAR	RD 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)	
		%				kcal/kg	%					kcal/kg		
1	R3-S5-01-1	1.04	24.66	24.09	50.21	1.31	6304	0.55	24.78	24.21	50.46	1.32	6335	
2	R3-S5-01-2	0.84	20.92	25.33	52.91	0.76	6663	0.51	20.98	25.42	53.09	0.76	6685	

QUALITY ASSURANCE/QUALITY CONTROL DATA

STDALSWS-40/23	ASH	VOL	GCV	TSUL
Certified Value	<u>10.67</u>	20.55	<u>7696</u>	<u>0.620</u>
Standard Deviation	0.056	0.137	24	0.0144
Unit	%	%	kcal/kg	%
Analyzed value	10.67	20.53	7690	0.624

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STANDA	ARD 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						
		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)	
		% kca				kcal/kg	% kcal/kg			kcal/kg		5:1	3:3
1	R3-S5-01-1	24.92	24.34	50.74	1.32	6370	32.42	67.58	1.76	8485	6.0	73	-
2	R3-S5-01-2	21.09	25.55	53.36	0.77	6719	32.38	67.62	0.97	8515	6.5	78	