

ALS GROUP LLC

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



CERTIFICATE OF ANALYSIS
24J174-TT

CLIENT: SAUSGOBI DIAMOND LLC

ADDRESS: Umnugobi province
Mongolia

ATTN: Tsetsenbilig L

PROJECT NO.: xxx

LAB. JOB NO.: 24J174-TT

NO. SAMPLES: 1

Notes/Comments: xxx

SAMPLES RECEIVED: 18/Oct/24
INSTRUCTIONS RECEIVED: 18/Oct/24
DATE OF REPORT: 19/Oct/24
STATUS OF REPORT: FINAL
ANALYSIS COMPLETE: 19/Oct/24
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.

LAB NO.	SAMPLE NO.	STANDARD METHOD											
		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 213		
1	Sample-1	AS RECEIVED BASIS					AIR DRIED BASIS						
		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)
		4.83	17.79	23.82	53.56	0.82	6441	0.96	18.52	24.78	55.74	0.85	6702
				%			kcal/kg					kcal/kg	

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	20.58	7490	0.620

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LAB NO.	SAMPLE NO.	GB/T 212		GB/T 212		ISO 19579		GB/T 213		GB/T 212		ISO 19579		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)	Volatile Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	Gross Calorific Value (GCV)	Crucible Swelling Number (CSN)	Coal Caking Index (CKIN)			
1	Sample-1	18.70	25.03	56.28	0.86	67.68	30.78	69.22	8324	3.5	5:1	40	3:3						