



CERTIFICATE OF ANALYSIS
251489-IT

CLIENT: SAUSGOBI DIAMOND LLC

ADDRESS: Umnugobi province
Mongolia

ATTN: Tsentsenbileg.L

PROJECT NO. **XXX**

LAB. JOB NO. 251489-TT

NO. SAMPLES: 1

Notes/Comments: XXX

SAMPLES RECEIVED: 29/Sep/25

INSTRUCTIONS RECEIVED: 29/Sep/25

DATE OF REPORT: 30/Sep/25

STATUS OF REPORT: FINAL

ANALYSIS COMPLETE: 30/Sep/25

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

ANALYSIS CODE: TM, MOIS, ASH, VOL, TSUL,
GCV, CSN, CKIN

APPROVED BY: Laboratory Manager

B.Bold-Eden#



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

STANDARD METHOD		AS RECEIVED BASIS					AIR DRIED BASIS							
		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	ISO 19579	GB/T 213		
LAB NO.	SAMPLE NO.	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	SGD2025003	2.57	35.01	17.61	44.81	0.69	5156	0.98	35.58	17.90	45.54	0.71	5240	
				%			kcal/kg			%			kcal/kg	

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	20.63	7692	0.683



CERTIFICATE OF ANALYSIS
25I489-TT

CLIENT: SAUSGOBI DIAMOND LLC

ADDRESS: Umnugobi province
Mongolia
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ATTN: Tsentsenbileg.L

PROJECT NO. xxx

LAB. JOB NO. 25I489-TT

NO. SAMPLES: 1

Notes/Comments: xxx

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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				Gross Calorific Value (GCV)	Crucible Swelling Number (CSN)	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)			
			%	%		kcal/kg		%		kcal/kg		5:1 3:3
1	SGD2025003	35.93	18.08	45.99	0.71	5292	28.22	71.78	1.11	8260	1.0	17