

SGS IMME Mongolia LLC

MRN: 5616077

Energy Resource LLC

TTD: 2887746
Central Tower, 15th Floor, Suite 7, Sukhbaatar Square 2
Sukhbaatar District,-8
Mongolia

LabRef: UC005014

ClientRef: **ER-24014**

Project: Coal

Sampletype

Status: Final

Received: 6/29/24

Started: 7/1/24

Reported: 7/2/24

Samples: 1

FirstSample: Washed_UHG_HCC_240627_1

LastSample

Pages: 7

Result apply to sample as submitted.

Notes

Authorised by



On behalf of:

Ankhbayar Luvsansharav
Operations Director

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UC005014

SGS IMME Mongolia LLC

Uildveriin toirog 101 toot
 20th Khoroo
 Bayangol Duureg
 Ulaanbaatar 36, Mongolia

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ANALYTICAL REPORT

	ASTM3302	ASTM3302	ISO11722:2013	ISO 1171:2010	ISO 1171:2010	ISO 1171:2010
Scheme						
Units	%	%	%	%	%	%
Detection Limit	0.1	0.1	0.1	0.5	0.5	0.5
Upper Limit	50	50	50	99	99	99
	Moisture, Total	Air Dry Loss	RM_ADB	Ash, ARB	Ash, ADB	Ash, DB
Washed_UHG_HCC_ 240627_1	7.53	6.43	1.17	9.38	10.02	10.14



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ANALYTICAL REPORT

Scheme	ISO562:2010	ISO562:2010	ISO562:2010	ISO562:2010	ISO 1213-2:2016	ISO 1213-2:2016
Units	AR %	AD %	DB %	DAF %	%	%
Detection Limit	0.1	0.1	0.1	0.1	0.01	0.01
Upper Limit	75	75	75	75	100	100
	VM_ARB	VM_ADB	VM_DB	VM_DAF	FC_ARB	FC_ADB
Washed_UHG_HCC_ 240627_1	21.98	23.49	23.77	26.46	61.11	65.31



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ANALYTICAL REPORT

Scheme	ISO 1213-2:2016	ISO 1213-2:2016	ISO19579:2006	ISO19579:2006	ISO19579:2006	ISO19579:2006
Units	%	%	AR %	AD %	DB %	DAF %
Detection Limit	0.01	0.01	0.01	0.01	0.01	0.01
Upper Limit	100	100	5.21	5.21	5.21	20
	FC_DB	FC_DAF	Su_ARB	Su_ADB	Su_DB	Su_DAF
Washed_UHG_HCC_ 240627_1	66.09	73.54	0.61	0.65	0.66	0.73



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ANALYTICAL REPORT

	MNS ISO1928:2020	MNS ISO1928:2020	MNS ISO1928:2020	MNS ISO1928:2020	ISO 501:2012	ISO 15585:2019
Scheme						
Units	KCAL/KG	KCAL/KG	KCAL/KG	KCAL/KG	/	/
Detection Limit	0	0	0	0	0	1
Upper Limit	10,000	10,000	10,000	10,000	9	110
	GCV_ARB	GCV_ADB	GCV_DB	GCV_DAF	CSN	G
Washed_UHG_HCC_ 240627_1	7083	7569	7659	8523	7	80



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ANALYTICAL REPORT

Scheme	AS 1038.21.1.2-2002
Units	G/CM3
Detection Limit	1
Upper Limit	3
	RD
Washed_UHG_HCC_ 240627_1	1.35



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Description

- ASTM2013 : Standard Practice for Preparing Coal Samples for Analysis
- ISO11722 : Determination of moisture in the general analysis test sample by drying nitrogen
- ASTM3302 : Moisture, Air-Dry Loss
- ISO 1171 : Solid mineral fuels-Determination of ash
- ISO501 : Hard coal-Determination of the crucible swelling number
- ISO 1213-2 : Fixed Carbon (by calculation)
- ISO 15585 : Hard coal-Determination of Caking index
- AS 1038.21 : Relative Density - Analysis sample/volumetric method
- ISO19579 : Solid mineral fuels-Determination of sulfur by IR spectrometry
- ASTM3302 : Standard Test Method for Total Moisture in Coal
- ISO562 : Hard coal and coke-Determination of volatile matter
- ISO1928 : Coal and coke — Determination of gross calorific value

***** THE END *****



WHEN YOU NEED TO BE SURE

СОРИЛТЫН ҮР ДҮНГИЙН ХУУДАС



Лаб. дугаар: UC005014-1
 Захиалгын дугаар: ER-24014
 Захиалагч: "Энержи Ресурс" ХХК
 Дээжийн төрөл: Нүүрс
 Дээжийн жин: 2.35кг

Хүлээн авсан огноо: 06.29.2024
 Эхэлсэн огноо: 06.30.2024
 Тайлангийн огноо: 07.01.2024
 Дээжийн тоо: 1
 Хуудасны тоо: 1/1

Д/д	Дээжийн нэр	Сорилтын үзүүлэлт	Нийт чийг	Үлдэгдэл чийг	Үнслэг	Дэгдэмхий бодис	Нийт хүхэр	Нийт илчлэг чанар		Чөлөөт хөөлтийн зэрэг	Барьцалдах чанар
		Тэмдэглэгээ	TM ^{arb}	RM ^{adb}	A ^{db}	VM ^{daf}	TS ^{db}	GCV ^{arb}	GCV ^{db}	FSI	G
		Стандарт арга аргачлал	ASTM D3302	ISO 11722	ISO 1171	ISO 562	ISO 19579	ISO 1928		ISO 501	ISO 15585
		Нэгж	Жин, (%)				Ккал/кг		Индекс		
1	Washed_UHG_HCC_240627_1		7.53	1.17	10.14	26.46	0.66	7083	7659	7.0	80

Тайлбар:

Сорилтын үр дүнг ASTM D3180 / ISO 1170 стандартын дагуу тооцоолсон.

Дээжлэлтийн талаарх асуудлыг манай лаборатори хариуцахгүй.

Энэхүү сорилтын үр дүн нь лабораторид хүлээн авсан тухайн дээжид хамаарах бөгөөд зөвхөн эх хувь нь хүчинтэй.

ASTM D2013/2013M-18 стандартын дагуу нүүрсний дээж бэлтгэл хийгдсэн.

TM ^{arb} -	Нийт чийг	VM ^{daf} -	Дэгдэмхий бодисын гарц, хуурай үнсгүй төлөв	GCV ^{db} -	Нийт илчлэг, хуурай төлөв
RM ^{adb} -	Үлдэгдэл чийг	TS ^{db} -	Нийт хүхэр, хуурай төлөв	FSI-	Чөлөөт хөөлтийн зэрэг
A ^{db} -	Үнслэг, хуурай төлөв	GCV ^{arb} -	Нийт илчлэг, чийгтэй төлөв	G-	Барьцалдах чанар

ХЯНАСАН:

Ж. ГАНБАТ, НҮҮРСНИЙ ЛАБОРАТОРИЙН АЖИЛТАН

БАТАЛСАН:

Л. АНХБАЯР, ҮЙЛ АЖИЛЛАГАА ХАРИУЦСАН ЗАХИРАЛ

ЭНЭХҮҮ СОРИЛТЫН ҮР ДҮНГИЙН ХУУДАС НЬ ЗӨВХӨН "ЭНЕРЖИ РЕСУРС" ХХК-ИЙН ЗАХИАЛГАТ АЖИЛД ХАМААРНА

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