ERDENES TAVANTOLGOI
ETT

НҮҮРСНИЙ ОВООЛГЫН

ҮЗҮҮЛЭЛТ

№ ETT_SP_SSC



ISO 45001:2018

ISO 9001:2015

ISO 14001:2015

НҮҮРСНИЙ ОВООЛГЫН ЧАНАРЫН ДУНДАЖ ҮЗҮҮЛЭЛТ

НИЙТ ЧИЙГ (ar)	ҮНСЛЭГ (db)	ДЭГДЭМХИЙ (daf)
5.0%	**22.0%**	**>28.0-37.0%**
(-2.0; +3.0)	(-3.0; +3.0)	

НИЙТ ХҮХЭР (db)	БАРЬЦАЛДАХ ЧАНАР (5:1)	НҮҮРСНИЙ ХЭМЖЭЭ
1.1%	**>65.0**	**64.0**
(-0.3; +0.5)		МЯН.ТН

НҮҮРСНИЙ ОВООЛГЫН ШИНЖИЛГЭЭНИЙ ҮР ДҮН

TSOGTTSETSII COAL LABORATORY

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ANALYSIS REPORT

CLIENT NAME AND ADDRESS : Erdenes Tavantolgoi JSC
LAB. BATCH NUMBER :

SAMPLING DATE : 8/23/2026
SAMPLE PREPARE DATE : 8/23/2026
REPORTED DATE : 8/24/2026

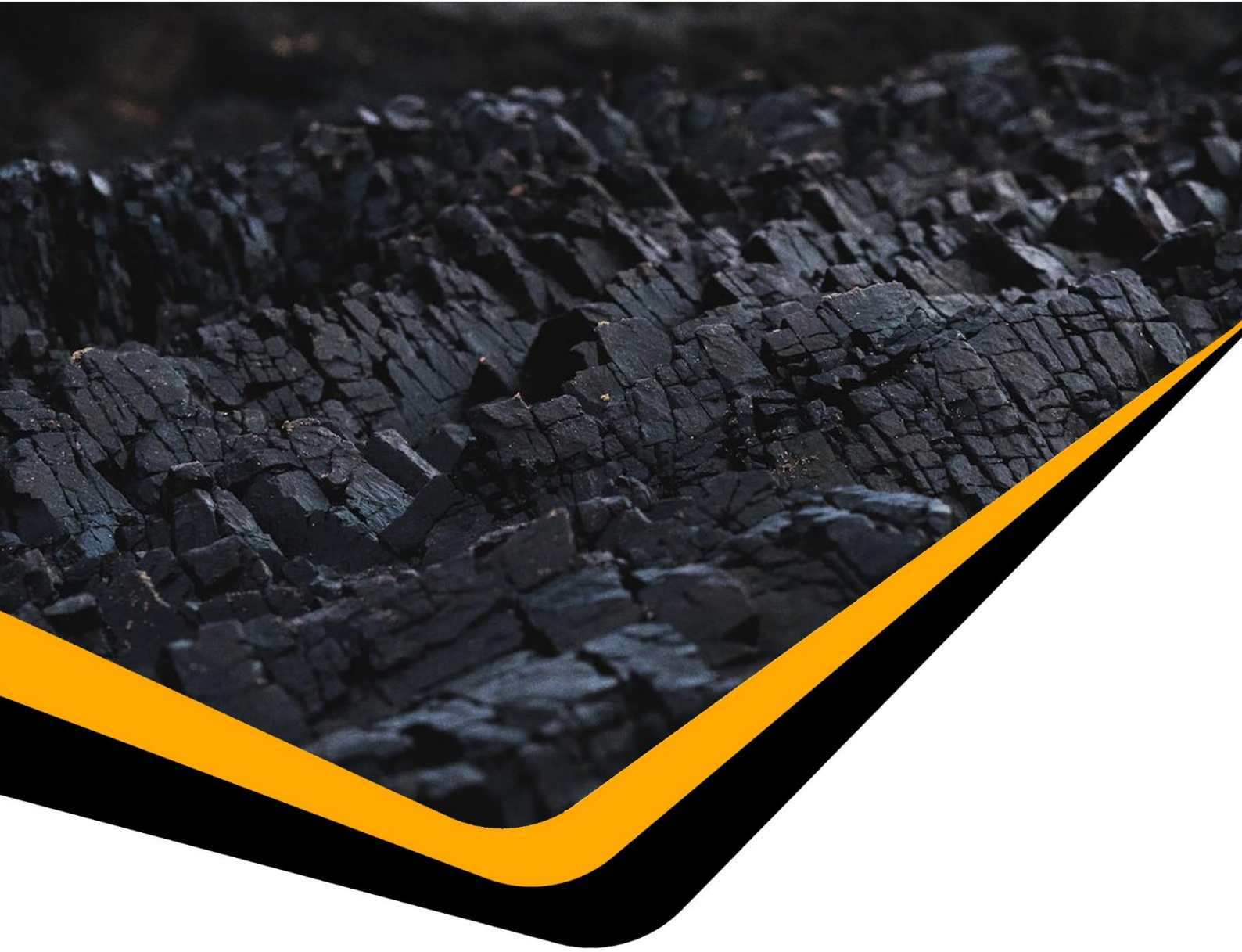
No	Sample identification			Total Moisture	Inherent Moisture	Ash			Volatile matter				Fixed carbon			Calorific value				Total sulphur			Caking index
	Batch	Sample ID	Sample Name	M_t	M	A			VM				FC			$Q_{b,v}$	$Q_{gr,v}$	$Q_{gr,v}$	$Q_{net,v}$	S_t			$G_{R,I}$
				ARB	ADB	ADB	ARB	DB	ADB	ARB	DB	DAF	ADB	ARB	DB	ADB	DB	ADB	ARB	ADB	ARB	DB	ADB
				(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	kcal/kg	kcal/kg	kcal/kg	kcal/kg	(%)	(%)	(%)	-
1	1.2	4-26-839-2689	26285406	2.7	1.23	23.71	23.35	24.01	24.45	24.08	24.75	32.57	50.61	49.84	51.24	6336	6385	6307	5960	0.87	0.86	0.88	54
2	1.2	4-26-839-2690	26285506	2.6	1.06	21.20	20.88	21.43	24.93	24.55	25.20	32.07	52.81	52.01	53.38	6642	6686	6615	6264	0.73	0.72	0.74	69
3	1.2	4-26-875-2824	26289409	2.5	1.15	19.81	19.53	20.04	26.22	25.85	26.52	33.17	52.82	52.07	53.43	6737	6788	6710	6363	0.72	0.71	0.73	71
4	1.2	4-26-875-2825	26289509	3.0	1.15	16.95	16.65	17.15	27.35	26.85	27.67	33.39	54.55	53.55	55.18	6941	6993	6913	6533	0.74	0.72	0.75	80
5	1.2	4-26-892-2875	26291310	3.8	0.85	19.20	18.63	19.37	27.22	26.42	27.46	34.05	52.72	51.16	53.18	6781	6802	6745	6290	1.12	1.08	1.13	77
6	1.2	4-26-892-2876	26291410	4.1	0.84	19.17	18.54	19.34	26.78	25.89	27.00	33.48	53.21	51.44	53.66	6793	6815	6757	6279	1.09	1.05	1.10	77
7	1.2	4-26-955-3082	26296514	2.7	0.70	19.96	19.55	20.10	25.16	24.64	25.34	31.71	54.18	53.06	54.56	6787	6811	6763	6373	0.58	0.56	0.58	74
8	1.2	4-26-955-3083	26296614	2.7	0.67	21.41	20.96	21.55	25.93	25.39	26.10	33.27	52.00	50.92	52.35	6603	6623	6579	6190	0.63	0.62	0.64	73
9	1.2	4-26-945-3050	26294713	3.5	0.77	22.18	21.56	22.35	24.51	23.83	24.70	31.81	52.54	51.08	52.95	6499	6523	6473	6042	0.70	0.68	0.70	56
10	1.2	4-26-945-3051	26294813	3.7	0.70	22.86	22.17	23.03	25.56	24.78	25.74	33.44	50.87	49.32	51.23	6469	6485	6439	5990	0.84	0.82	0.85	69
11	1.2	4-26-966-3124	26298615	3.6	0.85	25.82	25.10	26.04	24.98	24.28	25.19	34.06	48.35	47.00	48.77	6140	6153	6101	5676	1.30	1.27	1.32	58
12	1.2	4-26-966-3125	26298715	3.7	0.88	24.28	23.60	24.49	25.44	24.72	25.66	33.99	49.41	48.02	49.84	6252	6278	6222	5794	0.86	0.84	0.87	64

The test results are valid for that sample only. Our laboratory is not responsible for sampling issues.

CERTIFIED REFERENCE MATERIAL	SYM002a			GBW12023c	Benzoic acid
QA/QC DATA	Ash, %	VM, %	St, %	G index	CV, J/g
	Ad	Vd	Std		
CERTIFIED VALUE	12.81	29.43	0.59	91	26470
STANDARD DEVIATION	0.1	0.25	0.04	3	50
ANALYSED VALUE	12.87	29.65	0.58	90	26479
ANALYSED DEVIATION	0.06	0.22	0.01	1	9

METHODS	ID	STANDARDS	BASIS
Sample prepare/ Дээж бэлтгэх	SP	MNS GB/T 474-2015	ar- as received base
Total moisture/ Нийт чийг	Mt	MNS ISO 589-2003	d - dry base
Analytical Moisture/ Дотоод чийг	Mad	MNS GB/T 212-2015	ad - air dried base
Ash content/ Үнсэлэг	A	MNS GB/T 212-2015	daf- dry ash free base
Volatile matter/ Дэгдэмхий бодисын агуулга	V	MNS GB/T 212-2015	
Fixed carbon/ Үлдэгдэл нүүрстөрөгч	FC	MNS GB/T 212-2015	
Calorific value, bomb/ Бөмбөгөөт дэлбэ ялгаралтын утга	Qb	MNS GB/T 213-2024	
Calorific value, net/ Ноцлогийн цэвэр доод утга	Qnet	MNS GB/T 213-2024	
Total Sulfur/ Нийт хүхэр	St	MNS GB/T214-2014	
Free Swelling Index/ Чөлөөт хавтгайн тоо/ж	CSN	MNS ISO 501-2003	
Caking Index/ Барьцалдах чадвар	G index	MNS ISO 15585-2014	
X, Y index/ Пластометрийн үзүүлэлт	Y index	MNS GB/T 479-2015	
Flourine/ Фтор	F	GB/T 4633-2024	
Phosphorus/Фосфор	P	MNS 7057-2024	
Mercury/ Мөнгөн ус	Hg	MNS 7058-2024	
Chlorine/ Хлор	Cl	MNS 7057-2024	
Arsenic/ Хүнцэл	As	MNS 7057-2024	

/ Ch. Lkhagwasuren /



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ЭРДЭНЭС ТАВАНТОЛГОЙ
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