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%	16.5%	>28.0-37.0%
(-2.0; +3.0)	(-2.5; +3.0)	
НИЙТ ХҮХЭР (db)	**БАРЬЦАЛДАХ ЧАНАР**	**НҮҮРСНИЙ ХЭМЖЭЭ**
1.1%	(5:1)	32.0
(-0.3; +0.5)	>65.0	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 : 6/29/2026
SAMPLE PREPARE DATE : 6/29/2026
REPORTED DATE : 6/30/2026

No	Sample identification		Total Moisture	Inherent Moisture	Ash		Volatile matter		Fixed carbon	Calorific value				Total sulphur		Caking index
			M_t	M	A		VM		FC	Qb,v	Qgr,v	Qgr,v	Qnet,v	S_t		$G_{R.I}$
	Sample ID	Sample Name	ARB	ADB	ADB	DB	ADB	DAF	ADB	ADB	ADB	ARB	ARB	ADB	DB	ADB
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	kcal/kg	kcal/kg	kcal/kg	kcal/kg	(%)	(%)	-
1	4-26-38-69	26205406	2.1	0.87	18.34	18.50	27.47	34.00	53.32	6717.1	6681.5	6601.4	6347.7	1.10	1.11	75
2	4-26-38-70	26205506	2.3	1.01	15.37	15.53	29.15	34.86	54.46	6975.3	6942.2	6850.1	6594.5	0.97	0.98	85
3	4-26-38-71	26205606	2.5	0.86	15.07	15.20	29.00	34.49	55.07	7051.4	7018.3	6904.6	6649.5	0.98	0.98	82
4	4-26-48-130	26208708	2.3	0.82	15.61	15.74	28.19	33.73	55.38	-	-	-	-	0.88	0.89	74
5	4-26-48-131	26208808	3.1	1.00	14.97	15.12	28.62	34.06	55.41	-	-	-	-	0.78	0.79	79
6	4-26-48-132	26208908	3.5	0.97	14.23	14.37	28.71	33.86	56.09	-	-	-	-	0.78	0.78	85
7	4-26-84-278	26214412	4.2	0.92	15.84	15.99	28.74	34.53	54.50	6964.0	6927.4	6695.4	-	1.13	1.14	83
8	4-26-84-279	26214512	3.6	0.93	14.85	14.99	29.39	34.89	54.83	7086.3	7053.9	6864.6	-	0.94	0.95	83
9	4-26-84-280	26214612	3.6	1.01	14.76	14.91	29.64	35.19	54.59	7072.0	7039.9	6857.8	-	0.93	0.93	85
10	4-26-128-426	26219215	2.4	1.10	16.71	16.90	28.06	34.15	54.12	6859.4	6830.3	6738.0	-	0.81	0.81	76
11	4-26-128-427	26219315	2.1	0.98	16.87	17.04	28.55	34.75	53.60	6854.4	6825.2	6751.1	-	0.81	0.82	80
12	4-26-128-428	26219415	2.1	0.95	15.93	16.08	28.64	34.45	54.48	6969.8	6943.1	6859.3	-	0.69	0.70	76
13	4-26-175-564	26224619	3.6	1.20	10.55	10.68	32.25	36.55	55.99	7322.5	7299.3	7120.0	-	0.51	0.52	89
14	4-26-175-565	26224719	3.5	1.28	8.99	9.11	32.33	36.03	57.40	7513.3	7489.9	7318.1	-	0.51	0.51	87
15	4-26-175-566	26224819	3.5	1.39	12.09	12.26	31.84	36.80	54.68	7187.1	7160.3	7006.3	-	0.68	0.69	90
16	4-26-203-653	26228721	2.2	0.68	17.55	17.67	28.90	35.35	52.86	6857.0	6820.0	6712.0	-	1.15	1.16	81
17	4-26-203-654	26228821	2.5	0.79	16.13	16.26	28.78	34.64	54.30	6997.0	6963.0	6845.0	-	1.01	1.02	83
18	4-26-203-655	26228921	2.8	0.83	16.86	17.00	27.89	33.88	54.42	6929.0	6895.0	6759.0	-	1.04	1.05	82
19	4-26-239-771	26232524	2.7	0.96	15.48	15.63	28.50	34.11	55.06	7093.0	7063.3	6940.1	-	0.82	0.82	77
20	4-26-239-772	26232624	2.7	1.02	15.31	15.47	28.48	34.04	55.19	7034.5	7007.4	6892.0	-	0.70	0.71	77
21	4-26-239-773	26232724	3.2	1.02	15.98	16.14	28.88	34.79	54.12	6885.2	6856.8	6707.2	-	0.77	0.78	77

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

CERTIFIED REFERENCE MATERIAL	SYM006a			GBW12023c	Benzoic acid
QA/QC DATA	Ash, %	VM, %	St, %	G index	CV, J/g
	Ad	Vd	Std		
CERTIFIED VALUE	8.18	33.05	3.67	90	26470
STANDARD DEVIATION	0.17	0.32	0.1	3	50
ANALYSED VALUE	8.25	32.82	3.64	89	26484
ANALYSED DEVIATION	0.07	0.23	0.03	1	14

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/ Үнслэг	A	MNS GB/T 212-2015	daf- dry ash free base
Volatile matter/ Дэгдэмхий бодисын агуулга	V	MNS GB/T 212-2015	
Fixed carbon/ Үндсэн нүүрстөрөгч	FC	MNS GB/T 212-2015	
Calorific value, bomb/ Бортогон дахь ихэлгийн утга	Qb	MNS GB/T 213-2024	
Calorific value, net/ Ихэлгийн цэвэр доод утга	Qnet	MNS GB/T 213-2024	
Total Sulfur/ Нийт хүхэр	St	MNS GB/T214-2014	
Free Swelling Index/ Чөлөөт хөөрлийн зэрэг	CSN	MNS ISO 501-2003	
Caking Index/ Барьцалдах чадвар	G index	MNS ISO 15585-2014	

Chief of laboratory / B.Urtnasan/