



БАЯЖУУЛСАН НҮҮРСНИЙ ҮЗҮҮЛЭЛТ

№ ETT_WTS_TC



ISO 45001:2018



ISO 9001:2015



ISO 14001:2015



НҮҮРСНИЙ ОВООЛГЫН ЧАНАРЫН ДУНДАЖ ҮЗҮҮЛЭЛТ

НИЙТ ЧИЙГ (ar)

≤9.0%

ҮНСЛЭГ (db)

≤25.0%

ДЭГДЭМХИЙ (daf)

≤37.0%

НИЙТ ХҮХЭР (db)

≤1.0%

ИЛЧЛЭГ (gross.ar)

≥6000.0

БАРЬЦАЛДАХ ЧАНАР

≤20

НҮҮРСНИЙ ХЭМЖЭЭ

64.0

МЯН.ТН

НҮҮРСНИЙ ОВООЛГЫН ШИНЖИЛГЭЭНИЙ ҮР ДҮН

ALS GROUP LLC
Mongol National Building, 11th Avenue
Chingkh Avenue, Khan-Uul District
Ulaanbaatar, Mongolia
Tel: +976 79102007



CERTIFICATE OF ANALYSIS
26829,47,62,89,125,139,153,177,191,206,231,247,263,277,294,303,318,334,346,358,370,386,408,424,436-TT

CLIENT: Erdenes Tavantolgoi JSC
ADDRESS: Finance Center, 3/6KjBj-8
1st Khoroо, Chingkhel District
Ulaanbaatar, Mongolia
ATTN: Enkhmuunbaatar
PROJECT NO.
LAB. JOB NO. 26829,47,62,89,125,139,153,177,191,206,231,247,263,277,294,303,318,334,346,358,370,386,408,424,436-TT
NO. SAMPLES: 25
Notes/Comments: xxx

SAMPLES RECEIVED: 1/02/2026 19:00
INSTRUCTIONS RECEIVED: 1/02/2026 19:00
DATE OF REPORT: 28/02/2026 22:42
STATUS OF REPORT: FINAL
ANALYSIS COMPLETE: 28/02/2026 22:42
PREPARATION CODE: CRUSH-01, O2, MILL-01
ANALYSIS CODE: 1. COAL/01 COAL, 2. THERMAL COAL, 3. REFLECT COAL, 10. MOHL, ASH-VOL, TPA, OCM, CSN, OCM
APPROVED BY: Laboratory Manager



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

LAB NO.	SAMPLE NO.	AS RECEIVED BASIS											AIR DRIED BASIS			
		Total Moisture (TM)	Ash (ASH)	ASH	Volatiles Matter (VOL)	%	Fixed Carbon (FC)	Total Sulphur (TSUL)	Gross Calorific Value (GCV)	Moisture (MOIS)	Ash (ASPD)	Volatiles Matter (VOL)	%	Fixed Carbon (FC)	Total Sulphur (TSUL)	Gross Calorific Value (GCV)
1	CHPP-TC 2026.02.01_csm	2.69	23.38	18.37	53.36	0.91	6093	0.52	23.95	18.98	54.53	0.93	6224			
2	CHPP-TC 2026.02.02_csm	2.64	23.06	18.82	53.48	1.13	6132	0.58	25.59	19.22	54.61	1.15	6262			
3	CHPP-TC 2026.02.03_csm	2.98	23.33	18.47	55.22	0.94	6264	0.68	23.88	18.91	56.93	0.97	6412			
4	CHPP-TC 2026.02.05_csm	4.49	21.09	17.82	54.61	0.89	6289	0.72	21.92	18.52	58.84	0.92	6536			
5	CHPP-TC 2026.02.07_csm	4.03	22.58	18.14	55.25	0.84	6228	0.94	23.31	18.72	57.03	0.86	6428			
6	CHPP-TC 2026.02.08_csm	4.23	21.55	18.54	55.68	0.77	6309	0.78	22.32	19.20	57.68	0.80	6335			
7	CHPP-TC 2026.02.09_csm	4.15	22.47	18.77	54.61	0.87	6208	0.79	23.46	19.43	58.31	0.91	6423			
8	CHPP-TC 2026.02.10_csm	4.12	24.21	18.33	53.34	0.89	6067	0.81	25.06	18.96	55.18	0.92	6256			
9	CHPP-TC 2026.02.11_csm	3.86	24.47	18.37	53.30	0.98	6104	0.82	25.34	18.95	54.98	1.01	6297			
10	CHPP-TC 2026.02.12_csm	4.21	24.02	18.06	53.70	0.83	6118	0.90	24.85	18.69	55.56	0.86	6330			
11	CHPP-TC 2026.02.13_csm	3.94	23.63	18.55	53.88	0.82	6111	0.70	24.43	19.17	55.69	0.85	6316			
12	CHPP-TC 2026.02.14_csm	4.26	22.47	17.46	55.53	1.10	6155	0.80	23.51	18.11	57.59	1.14	6383			
13	CHPP-TC 2026.02.15_csm	3.86	24.21	18.19	53.74	0.83	6077	0.71	25.00	18.79	55.50	0.86	6277			
14	CHPP-TC 2026.02.18_csm	3.75	23.25	17.70	55.30	0.95	6152	0.70	23.99	18.26	57.05	0.98	6348			

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.
COPY RIGHT PROTECTED DOCUMENT

15	CHPP-TC 2026.02.17_csm	3.55	22.73	18.31	55.51	1.12	6298	0.41	23.47	18.80	57.32	1.16	6500
16	CHPP-TC 2026.02.18_csm	3.78	23.61	18.23	54.40	0.91	6172	0.58	24.39	18.84	56.19	0.94	6376
17	CHPP-TC 2026.02.19_csm	3.88	23.29	17.19	55.84	0.95	6142	0.63	24.03	19.73	57.41	0.98	6437
18	CHPP-TC 2026.02.20_csm	3.74	21.93	19.01	55.32	0.97	6289	0.53	22.84	19.68	57.18	1.00	6498
19	CHPP-TC 2026.02.21_csm	4.04	22.40	18.31	55.04	1.06	6218	0.60	23.42	18.97	57.01	1.09	6441
20	CHPP-TC 2026.02.22_csm	3.55	23.16	18.15	55.14	0.98	6197	0.62	23.86	18.70	56.82	0.97	6436
21	CHPP-TC 2026.02.23_csm	4.30	21.11	17.33	57.06	0.79	6331	0.68	21.91	18.19	59.22	0.82	6571
22	CHPP-TC 2026.02.24_csm	4.87	19.89	18.56	54.88	0.83	6419	0.79	25.70	19.32	59.20	0.87	6679
23	CHPP-TC 2026.02.26_csm	3.65	22.58	18.54	55.23	0.96	6283	0.59	23.29	19.13	56.98	0.99	6483
24	CHPP-TC 2026.02.27_csm	4.14	21.29	18.77	55.79	0.99	6336	0.67	22.07	19.45	57.81	1.02	6565
25	CHPP-TC 2026.02.28_csm	3.51	21.84	19.15	55.50	0.99	6333	0.67	22.49	19.72	57.13	1.02	6520

QUALITY ASSURANCE/QUALITY CONTROL DATA

STANDARD-4V-23	ASH	VOL	GCV	TSUL
Certified Value	18.53	22.24	6251	6.288
Standard Deviation	0.049	0.078	13	0.009
Units	%	%	kcal/kg	%
Analysed value	18.93	20.62	6294	6.478

АЭИ ӨБӨУП ЛЛЦ
 Монгол Төлөөлөл Бүлэг, 2-р Хөвсгөр
 Чэнгэл Аймаг, Хан Уул Дайра
 Улаанбаатар, Монгол
 Тел: +976 76 007967



CERTIFICATE OF ANALYSIS

26829,47,62,89,125,139,153,177,191,206,221,247,263,277,294,303,318,334,344,358,370,386,408,424,436-TT

CLIENT: Erdenes Tavantolgoi JSC
ADDRESS: Finance Center, Jigjidaa-8
 1st khoroо, Chingeltei District
 Ulaanbaatar, Mongolia
ATTN: Erkhovshin B
PROJECT NO.: 0
LAB. JOB NO.: 26829,47,62,89,125,139,153,177,191,206,221,247,263,277,294,303,318,334,344,358,370,386,408,424,436-TT
NO. SAMPLES: 25
Notes/Comments: see

SAMPLES RECEIVED: 01-Feb/26
INSTRUCTIONS RECEIVED: 01-Feb/26
DATE OF REPORT: 25-Feb/26
STATUS OF REPORT: FINAL
ANALYSIS COMPLETE: 25-Feb/26
PREPARATION CODE: CRUSH-01, 02; MILL-01
ANALYSIS CODE: 1. COARSE COAL,
 2. FINE COAL,
 3. SUBJECT COAL,
 104. MOUL, ASH, VOL, TSHL,
 GCV, CEN, CENF

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

LAB NO.	STANDARD METHOD	SAMPLE NO.	GB/T 212		GB/T 212		ISO 19579		GB/T 213		GB/T 212		ISO 19579		GB/T 212		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)	Crewble Swelling Number (CSN)	Coal Caking Index (CKI)						
			%																
			kcal/kg																
1	CHPP-TC 2026.02.01.cem		26.08	19.08	54.83	0.94	6262	23.82	74.18	1.27	8471	-	-	18	-				
2	CHPP-TC 2026.02.01.cem		25.74	19.33	54.93	1.16	6298	26.55	73.97	1.56	8481	-	-	16	-				
3	CHPP-TC 2026.02.03.cem		24.04	19.04	56.92	0.97	6456	23.06	74.94	1.28	8500	-	-	18	-				
4	CHPP-TC 2026.02.05.cem		22.08	19.66	59.27	0.93	6583	23.96	76.04	1.20	8448	-	-	15	-				
5	CHPP-TC 2026.02.07.cem		23.53	18.90	57.57	0.87	6489	24.71	75.29	1.14	8483	-	-	18	-				
6	CHPP-TC 2026.02.08.cem		22.50	19.36	58.14	0.81	6587	24.98	75.02	1.04	8500	-	-	27	-				
7	CHPP-TC 2026.02.09.cem		23.65	19.59	56.76	0.91	6474	25.65	74.35	1.20	8480	-	-	29	-				
8	CHPP-TC 2026.02.10.cem		25.25	19.12	55.64	0.93	6307	25.57	74.43	1.24	8437	-	-	23	-				
9	CHPP-TC 2026.02.11.cem		25.45	19.11	55.44	1.02	6349	25.63	74.37	1.36	8516	-	-	21	-				
10	CHPP-TC 2026.02.12.cem		25.08	18.86	56.06	0.86	6387	25.17	74.83	1.13	8523	-	-	20	-				
11	CHPP-TC 2026.02.13.cem		24.60	19.31	56.09	0.85	6361	25.61	74.39	1.13	8437	-	-	24	-				
12	CHPP-TC 2026.02.14.cem		23.69	18.25	58.06	1.15	6434	23.92	76.08	1.31	8432	-	-	16	-				
13	CHPP-TC 2026.02.15.cem		25.18	18.92	55.89	0.87	6321	25.29	74.71	1.16	8469	-	-	21	-				
14	CHPP-TC 2026.02.16.cem		24.16	18.39	57.45	0.99	6392	24.26	75.74	1.31	8428	-	-	16	-				

This is the Final Report and constitutes any preliminary report with BIL and/Or/Code number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.
 COPY RIGHT PROTECTED DOCUMENT

Page 3 of 4

15	CHPP-TC 2026.02.17.cem		23.57	18.87	57.56	1.17	6527	24.70	75.30	1.52	8540	-	-	11	-
16	CHPP-TC 2026.02.18.cem		24.53	18.95	56.52	0.94	6413	25.10	74.90	1.25	8498	-	-	17	-
17	CHPP-TC 2026.02.19.cem		24.18	17.84	57.98	0.99	6377	23.53	76.47	1.30	8410	-	-	14	-
18	CHPP-TC 2026.02.20.cem		22.38	19.25	57.47	1.01	6533	25.58	74.42	1.31	8460	-	-	25	-
19	CHPP-TC 2026.02.21.cem		23.58	19.08	57.38	1.10	6480	24.97	75.03	1.44	8477	-	-	13	-
20	CHPP-TC 2026.02.22.cem		24.01	18.81	57.17	0.97	6426	24.76	75.24	1.28	8456	-	-	16	-
21	CHPP-TC 2026.02.23.cem		22.06	18.32	59.63	0.82	6616	23.50	76.50	1.06	8488	-	-	14	-
22	CHPP-TC 2026.02.24.cem		20.86	19.67	59.67	0.87	6732	24.60	75.40	1.10	8507	-	-	19	-
23	CHPP-TC 2026.02.26.cem		23.43	19.24	57.32	1.00	6522	25.13	74.87	1.31	8518	-	-	14	-
24	CHPP-TC 2026.02.27.cem		22.21	19.58	58.20	1.03	6610	25.17	74.83	1.32	8497	-	-	22	-
25	CHPP-TC 2026.02.28.cem		22.64	19.85	57.52	1.03	6664	25.66	74.34	1.33	8484	-	-	24	-