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# НҮҮРСНИЙ ОВООЛГЫН ҮЗҮҮЛЭЛТ

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№ ETT\_SP\_CC



ISO 45001:2018



ISO 9001:2015



ISO 14001:2015



НҮҮРСНИЙ ОВОЛГЫН ЧАНАРЫН ДУНДАЖ ҮЗҮҮЛЭЛТ

<p><b>НИЙТ ЧИЙГ (ar)</b></p> <p><b>3.0%</b></p> <p>(-1.5; +1.5)</p>	<p><b>ҮНСЛЭГ (db)</b></p> <p><b>15.0%</b></p> <p>(-3.0; +3.0)</p>	<p><b>ДЭГДЭМХИЙ (daf)</b></p> <p><b>≤28.0%</b></p>
<p><b>НИЙТ ХҮХЭР (db)</b></p> <p><b>1.0%</b></p> <p>(-0.3; +0.5)</p>	<p><b>БАРЬЦАЛДАХ ЧАНАР</b></p> <p><b>≥70.0</b></p>	<p><b>НҮҮРСНИЙ ХЭМЖЭЭ</b></p> <p><b>128.0</b></p> <p>МЯН.ТН</p>

НҮҮРСНИЙ ОВОЛГЫН ШИНЖИЛГЭЭНИЙ ҮР ДҮН

ALS GROUP LLC  
 Mongol National Building, 2nd Floor  
 Chinggis Avenue, Ulaanbaatar District  
 Ulaanbaatar, Mongolia  
 Tel: +976 70 007667



CERTIFICATE OF ANALYSIS  
 25117J19J29J36-TT

CLIENT: Erdenes Tavan Tolgoi JSC  
 ADDRESS: Finance Center, Jigjidjaya-8  
 1st khoroo, Chingeltei District  
 Ulaanbaatar, Mongolia  
 ATTN: Galtysay.B  
 PROJECT NO.: xxx  
 LAB. JOB NO.: 25117J19J29J36-TT  
 NO. SAMPLES: 8  
 Notes/Comments: xxx

SAMPLES RECEIVED: 10/12/2023 11/12/2023  
 INSTRUCTIONS RECEIVED: 10/12/2023 11/12/2023  
 DATE OF REPORT: 11/12/2023 12/12/2023  
 STATUS OF REPORT: FINAL  
 ANALYSIS COMPLETE: 11/12/2023 12/12/2023  
 PREPARATION CODE: CSPSC, CSPG, CSPG  
 ANALYSIS CODE: 1.2\_COKING COAL  
 TM, MOI, ASh, VOL,  
 TSUL, CSN, CSN  
 APPROVED BY: [Signature]  
 Quality Manager  
 CHECKED BY: Chief Chemist

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

LAB NO.	SAMPLE NO.	AS RECEIVED BASIS				AIR DRIED BASIS				DRY BASIS				DRY, ASH-FREE BASIS				Crucible Swelling Number (CSN)	Coal Caking Index (CKI)		
		Total Moisture (TM)	Ash (ASH)	Volatile Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)	Moisture (MOI)	Ash (ASH)	Volatile Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)	Ash (ASH)	Volatile Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)	Fixed Carbon	Total Sulphur (TSUL)		5:1	3:3	
1	ETT-SP-10336-1A	2.70	12.21	22.30	62.60	0.87	0.65	12.47	22.97	63.91	0.89	12.55	23.12	64.33	0.90	26.44	73.56	1.02	6.0	74	-
2	ETT-SP-10336-1B	2.21	12.22	22.79	62.78	1.16	0.61	12.42	23.16	63.80	1.18	12.49	23.31	64.20	1.19	26.64	73.36	1.36	6.0	74	-
3	ETT-SP-10336-2A	2.86	11.26	22.91	62.97	0.54	0.40	11.53	23.44	64.43	0.55	11.60	23.58	64.82	0.55	26.68	73.32	0.62	6.5	78	-
4	ETT-SP-10336-2B	2.61	11.58	23.19	62.41	0.76	0.48	11.84	23.70	63.78	0.77	11.92	23.86	64.22	0.78	27.09	72.91	0.88	6.5	83	-
5	ETT-SP-10336-3A	2.74	13.41	23.77	66.09	0.72	0.56	13.71	24.30	61.43	0.73	13.79	24.44	61.78	0.74	26.34	71.66	0.85	6.5	81	-
6	ETT-SP-10336-3B	1.99	10.59	24.29	63.13	0.60	0.55	10.75	24.65	64.06	0.61	10.81	24.78	64.41	0.61	27.79	72.21	0.69	7.0	85	-
7	ETT-SP-10336-4A	5.24	11.37	22.74	66.65	0.52	0.77	11.90	23.82	62.51	0.54	12.00	24.00	64.00	0.55	27.27	72.73	0.62	7.0	85	-
8	ETT-SP-10336-4B	5.23	11.69	22.85	66.22	0.74	0.76	12.25	23.93	63.07	0.78	12.34	24.11	63.55	0.78	27.51	72.49	0.89	7.0	84	-

QUALITY ASSURANCE/QUALITY CONTROL DATA

STD/MSYS-59/23	ASH	VOL	TSUL
Certified Value	10.57	20.33	0.620
Standard Deviation	0.036	0.137	0.0144
Unit	%	%	%
Analyzed value	10.69	20.60	0.618



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ISO 9001:2015



ISO 14001:2015



[www.ett.mn](http://www.ett.mn)



75055555  
1800-1072



Финанс төв, 1-р хороо,  
Чингэлтэй дүүрэг,  
Улаанбаатар хот

