
НҮҮРСНИЙ ОВООЛГЫН ҮЗҮҮЛЭЛТ

№S4RR-01



НҮҮРСНИЙ ОВОЛГЫН ЧАНАРЫН ДУНДАЖ ҮЗҮҮЛЭЛТ

| НИЙТ ЧИЙГ TM(ar) | НИЙТ ХҮХЭР S(db) | ДЭГДЭМХИЙ БОДИС VM(daf) |
|--------------------------------|-----------------------------|-------------------------|
| $\leq 9.0\%$ | 1.5% (-0.3; +0.5) | >20-37% |
| ИЛЧЛЭГ (ar) | БАРЬЦАЛДАХ ЧАНАР | |
| >4000 | >5-30 | |

ALS GROUP LLC

Mongol Nekhmel Building, 19nd khoroo
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Ulaanbaatar, Mongolia
Tel +976 70 007667



**CERTIFICATE OF ANALYSIS
26C137-TT**

CLIENT: Tavantolgoi LLC
ADDRESS: Umnugovi, Tsogttsetsii
Tsagaan ovoo bag
Tavantolgoi LLC
ATTN: Dorjsuren.N
PROJECT NO. xxx
LAB. JOB NO. 26C137-TT
NO. SAMPLES: 1
Notes/Comments: xxx

SAMPLES RECEIVED: 10/Mar/26
INSTRUCTIONS RECEIVED: 10/Mar/26
DATE OF REPORT: 13/Mar/26
STATUS OF REPORT: FINAL
ANALYSIS COMPLETE: 13/Mar/26
PREPARATION CODE: CRUSH-01, 02; MILL-01
ANALYSIS CODE: TM, MOIS, ASH, VOL, TSUL,
GCV, CSN, CKIN

APPROVED BY: Laboratory Manager
B.Bold-Erdene



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

| STANDARD METHOD | GB/T 211 | GB/T 212 | GB/T 212 | GB/T 212 | ISO 19579 | GB/T 213 | GB/T 212 | GB/T 212 | GB/T 212 | GB/T 212 | ISO 19579 | GB/T 213 | |
|-----------------|------------|---------------------|-----------|-----------------------|-------------------|----------------------|-----------------------------|-----------------|-----------|-----------------------|-------------------|----------------------|-----------------------------|
| | | | | | | | | | | | | | AS RECEIVED BASIS |
| LAB NO. | SAMPLE NO. | Total Moisture (TM) | Ash (ASH) | Volatile Matter (VOL) | Fixed Carbon (FC) | Total Sulphur (TSUL) | Gross Calorific Value (GCV) | Moisture (MOIS) | Ash (ASH) | Volatile Matter (VOL) | Fixed Carbon (FC) | Total Sulphur (TSUL) | Gross Calorific Value (GCV) |
| | | % | | | | | kcal/kg | % | | | | | kcal/kg |
| 1 | S4RR-01-5 | 2.40 | 40.59 | 16.90 | 40.10 | 0.59 | 4413 | 0.91 | 41.21 | 17.16 | 40.71 | 0.60 | 4480 |

QUALITY ASSURANCE/QUALITY CONTROL DATA

| STDALSWS-41/25 | ASH | VOL | GCV | TSUL |
|--------------------|-------|-------|---------|-------|
| Certified Value | 10.93 | 20.61 | 7691 | 0.680 |
| Standard Deviation | 0.049 | 0.076 | 12 | 0.007 |
| Unit | % | % | kcal/kg | % |
| Analyzed value | 10.95 | 20.59 | 7690 | 0.681 |

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| STANDARD METHOD | | GB/T 212 | GB/T 212 | GB/T 212 | ISO 19579 | GB/T 213 | GB/T 212 | GB/T 212 | ISO 19579 | GB/T 213 | GB/T 5448 | GB/T 5447 | | |
|-----------------|------------|-----------|-----------------------|-------------------|----------------------|-----------------------------|-----------------------|-------------------|----------------------|-----------------------------|-----------|--------------------------------|--------------------------|--|
| LAB NO. | SAMPLE NO. | DRY BASIS | | | | | DRY, ASH-FREE BASIS | | | | | Crucible Swelling Number (CSN) | Coal Caking Index (CKIN) | |
| | | 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) | 5:1 | | 3:3 | |
| | | % | | | | kcal/kg | % | | | kcal/kg | | | | |
| 15 | S4RR-01-5 | 41.59 | 17.32 | 41.09 | 0.61 | 4521 | 29.65 | 70.35 | 1.04 | 7741 | 1.0 | - | 9 | |