
НҮҮРСНИЙ ОВООЛГЫН ҮЗҮҮЛЭЛТ

№S5-02



НҮҮРСНИЙ ОВООЛГЫН ЧАНАРЫН ДУНДАЖ ҮЗҮҮЛЭЛТ

НИЙТ ЧИЙГ (ar)

1.37%

(-0.5; +2.5)

ҮНСЛЭГ (db)

28.9%

(-4.0; +4.0)

ДЭГДЭМХИЙ (daf)

33.3%

(-2.0; +2.0)

НИЙТ ХҮХЭР (db)

0.9%

(-0.3; +0.2)

БАРЬЦАЛДАХ
ЧАНАР

71.0

(-6.0; +6.0)

НҮҮРСНИЙ ОВООЛГЫН ШИНЖИЛГЭЭНИЙ ҮР ДҮН

ALS GROUP LLC
Mongol National Building, 19th Floor
Chinggis Avenue, Khan-Uul District
Ulaanbaatar, Mongolia
Tel +976 70 007667



CERTIFICATE OF ANALYSIS 26C261-TT

CLIENT: Tavantolgoi LLC
ADDRESS: Умнугови, Тсогтсэтсэл
Тсагаан овоо баг
Тавантолгой LLC
ATTN: Ganbaatar.C
PROJECT NO. xxx
LAB. JOB NO. 26C261-TT
NO. SAMPLES: 6
Notes/Comments: xxx

SAMPLES RECEIVED: 17/Mar/26
INSTRUCTIONS RECEIVED: 17/Mar/26
DATE OF REPORT: 23/Mar/26
STATUS OF REPORT: FINAL
ANALYSIS COMPLETE: 23/Mar/26
PREPARATION CODE: CRUSH-01, 02; MILL-01
ANALYSIS CODE: TM, MOIS, ASH, VOL, TSUL, GCV, CSN, CKIN

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 | | | | | |
|---------|------------|---------------------|-----------|-----------------------|-------------------|----------------------|-----------------------------|-----------------|-----------|-----------------------|-------------------|----------------------|-----------------------------|
| | | 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 |
| | | 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 | | | | | |
| 1 | SS-02-01 | 1.37 | 28.50 | 23.36 | 46.78 | 0.89 | 5955 | 0.58 | 28.72 | 23.55 | 47.15 | 0.90 | 6002 |

QUALITY ASSURANCE/QUALITY CONTROL DATA

| STD/LSWS-41/25 | ASH | VOL | GCV | TSUL |
|--------------------|-------|-------|---------|-------|
| Certified Value | 10.73 | 20.61 | 7691 | 0.859 |
| Standard Deviation | 0.049 | 0.076 | 12 | 0.007 |
| Unit | % | % | kcal/kg | % |
| Analyzed value | 10.95 | 20.62 | 7691 | 0.881 |

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| LAB NO. | SAMPLE NO. | DRY BASIS | | | | | DRY, ASH-FREE BASIS | | | | | Crucible Swelling Number (CSN) | Coal Caking Index (CKIN) | |
|---------|------------|-----------|-----------------------|-------------------|----------------------|-----------------------------|-----------------------|-------------------|----------------------|-----------------------------|-----------|--------------------------------|--------------------------|--|
| | | 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 | |
| | | 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) | | | | |
| | | % | | | | | kcal/kg | | | | | | | |
| 1 | SS-02-01 | 28.89 | 23.69 | 47.42 | 0.90 | 6037 | 33.31 | 66.69 | 1.27 | 8490 | 6.0 | 71 | 3:3 | |