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# COAL CHEMISTRY LABORATORY



## ACCREDITED LABORATORY TEST REPORT

### SAMPLE DESCRIPTION

|                       |            |
|-----------------------|------------|
| Laboratory №          | 25_023     |
| Date samples received | 04/24/2025 |
| Date samples analysed | 04/24/2025 |

|               |                        |
|---------------|------------------------|
| Report title  | QC report              |
| Consignor     | "Energy Resources" LLC |
| Data reported | 04/24/2025             |

### RESULT OF ANALYSIS

| № | Sample ID                | COAL QUALITY PROPERTIES |                   |        |       |                    |       |                  |      |                          |        |         |                          |                    |   |      |
|---|--------------------------|-------------------------|-------------------|--------|-------|--------------------|-------|------------------|------|--------------------------|--------|---------|--------------------------|--------------------|---|------|
|   |                          | Moisture, %             |                   | Ash, % |       | Volatile Matter, % |       | Total sulfur, %  |      | Calorific value, kcal/kg |        |         | Crucible swelling number | Caking index       | True relative density, (20°C) g/cm <sup>3</sup> |      |
|   |                          | MNS ISO 589:2003        | MNS GB/T 212:2015 |        |       |                    |       | MNS ISO 351:2001 |      | MNS ISO 1928:2009        |        |         | MNS ISO 501:2003         | MNS ISO 15585:2014 | MNS GB/T 217:2015                               |      |
|   |                          | Mt,ar                   | Mad               | Aad    | Ad    | Vad                | Vdaf  | St,ad            | St,d | Qgr,ad                   | Qgr,ar | Qnet,ar | CSN                      | Gi                 | TRD,ad  | TRDd |
| 1 | Washed UHG MASHCC_250424 | 5.3                     | 0.61              | 23.85  | 24.00 | 17.32              | 22.93 | 0.75             | 0.75 | 6488                     | 6181   | 5992    | 1.0                      | 21                 | 1.48  | 1.49 |

Checked by:

Tugsjargal.A  
 Senior chemist

Approved by:

Aldarbayar.B  
 Lab quality manager



#### Comment:

The test results were calculated according to the MNS ISO 1170 standard.

The sample was not drawn by the laboratory and these test results are representative only of the sample received in the laboratory.

Coal samples were prepared according to MNS GB/T 474 standard.

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The test report would be invalid without signatures of the persons for approval

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