



COAL CHEMISTRY LABORATORY



Address : *Ukhaa Khudag mine, Tsogttsetsii, Ummugobi*
Email : *Laboratory@mmc.mn*

ACCREDITED LABORATORY TEST REPORT

SAMPLE DESCRIPTION

| |
|-----------------------|
| Laboratory № |
| Date samples received |
| Date samples analysed |

24_19
18-Dec-2024
19-Dec-2024

| |
|---------------|
| Report title |
| Consignor |
| Data reported |

QC report
Quality assurance team
19-Dec-2024

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 ³ | Phosphorus, % | | |
| | | MNS ISO 589 2008 | 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 | | ASTM D4326-13 | | |
| | | Mt,ar | Mad | Aad | Ad | Vad | Vdaf | St,ad | St,d | Qgr,ad | Qgr,ar | Qnet,ar | CSN | G1 | TRD,ad | TRDd | P,ad | P,d |
| 1 | UHG_TC_241219 | 4.6 | 0.50 | 18.94 | 19.04 | 18.81 | 23.35 | 0.98 | 0.98 | 6825 | 6541 | 6343 | 1 | | | | | |

**These test results are representative only of the sample received in the laboratory.*
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**nr-not required*

Checked by:

Tugsjargal.A
Senior chemist of DS

Approved by:

Zorigjool.Ts
Lab technical manager