

Alpha Resources, Inc. Certificate Of Analysis

AR-1724

COAL STANDARD

LOT # 724401 LID ID 724401

DRIED BASIS VALUE

| | | |
|---------------------------|---|--------|
| MEAN WEIGHT % SULFUR | = | 1.54 |
| STANDARD DEVIATION | = | 0.03 |
| MEAN WEIGHT % ASH | = | 4.58 |
| STANDARD DEVIATION | = | 0.12 |
| MEAN WEIGHT % VOL. MATTER | = | 38.12 |
| STANDARD DEVIATION | = | 1.64 |
| BTU | = | 14,382 |
| STANDARD DEVIATION | = | 70 |
| FIXED CARBON | = | 57.41 |

Methods Employed:

ASTM D 4239 ASTM D 3174
ASTM D 3286 ASTM D 3175

Notes:

The certified mean values were statistically derived from the values reported to Alpha Resources through Round Robin.

Normal ASTM procedures should be employed when using this standard. This includes using the *reproducibility* and *repeatability* factors. Use the reproducibility factor when establishing the first set of data, and then establish an internal repeatability factor as your guideline.

The statistical analysis and overall coordination leading to certification was performed by D.M. Reasons at Alpha Resources.

Remedies for any claimed defect in this product will be limited to product replacement or refund of the purchase price. In no event shall Alpha Resources be liable for incidental or consequential damages.

EXPIRATION DATE

**THIS CRM IS VALID FOR TWO YEARS FROM THE DATE OF PURCHASE WHICH
APPEARS ON THE BOTTLE**



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