

Alpha Resources, Inc. Certificate Of Analysis

COAL STANDARD

AR-3702

LOT # 702399JRC75 LID # JRC.75

Dried Basis Values

Mean ug/g Mercury = 0.10
Standard Deviation = 0.01

Mean ug/g Chlorine = 1713
Standard Deviation = 213

Weight Percent Sulfur = 0.77
Standard Deviation = 0.04

Weight Percent Ash = 6.45
Standard Deviation = 0.13

Methods:

Sample Preparation ASTM D 2031
Mercury Analysis ASTM D 3684-94
Chlorine Analysis ASTM D 4208-97
Sulfur Analysis ASTM D 4239 Method C-97
Ash Analysis ASTM D 3174-97

The material used in production of this standard was sampled in accordance with ARI 031. The above values relate only to the material used to produce this standard.

The overall direction and coordination of the analytical measurements 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.

This is a Certified Reference Material (CRM). For good laboratory practice it is recommended that all standards be verified prior to use.

EXPIRATION DATE

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

