

Alpha Resources, Inc. Certificate Of Analysis

AR 872

CARBON & SULFUR RING STANDARD

LOT # A25909

% CARBON
MEAN = 0.185
ONE SIGMA = 0.003
TWO SIGMA = 0.006
RANGE = 0.179 – 0.191

% SULFUR
MEAN = 0.0193
ONE SIGMA = 0.0009
TWO SIGMA = 0.0018
RANGE = 0.0175 – 0.0211

Method of Analysis is ASTM E 1019
(Latest Revision)

Primary Standards Employed:

NIST SRM 11h, 73c, 105, 129, 133a
BCS 342, 432

Notes:

The mean analytical values were derived by a number of data sets utilizing various ASTM approved instruments.

The precision values represent the standard deviation, two times the standard deviation, and complete range of analysis.

The statistical analysis and the overall direction and coordination of the analytical measurements leading to certification were performed by K.E. Dyer 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), and is traceable to the above-mentioned standards. For good laboratory practice it is recommended that all standards be verified prior to use.

Certified September, 2002

