

Alpha Resources, Inc. Certificate Of Analysis

AR 299

CAST IRON STANDARD

LOT # 020901

% CARBON
MEAN = 1.05
ONE SIGMA = 0.02
TWO SIGMA = 0.04
RANGE = 1.01 – 1.09

% SULFUR
MEAN = 0.011
ONE SIGMA = 0.001
TWO SIGMA = 0.002
RANGE = 0.010 – 0.014

Method of Analysis is ASTM E 1019-00

Standards employed:
NIST 341, 337, 155, 153a
BAM 035-1
JSS 602-9

Notes:

The mean analytical values were derived by a number of data sets analyzed by various analysts over different days. The precision values are based upon the standard deviation, two times the standard deviation, and complete range of data points obtained by the laboratory results.

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 April, 2001

