

Alpha Resources, Inc. Certificate Of Analysis

AR 315

CAST IRON STANDARD

LOT # D

% CARBON
MEAN = 3.37
ONE SIGMA = 0.05
TWO SIGMA = 0.10
RANGE = 3.24 – 3.47

% SULFUR
MEAN = 0.081
ONE SIGMA = 0.003
TWO SIGMA = 0.006
RANGE = 0.075 – 0.086

Method of Analysis is combustion / IR Detection ASTM E 1019
(Latest Revision)

The mean analytical values were statistically derived using a number of data sets provided by separate instruments over a number of days.

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

Primary Standards Employed were:

NIST SRM 122h, 4k, 338

Notes:

The statistical analysis of the certification was performed by K.E. Dyer at Alpha Resources.

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 should be verified prior to use against a primary standard material provided by a governing agency such as N.I.S.T., when available.

Certified March, 1998

