

AR 301
CAST IRON STANDARD

LOT # 062900

% CARBON
MEAN = 2.12
ONE SIGMA = 0.03
TWO SIGMA = 0.06
RANGE = 2.06 – 2.18

% SULFUR
MEAN = 0.012
ONE SIGMA = 0.001
TWO SIGMA = 0.002
RANGE = 0.010 – 0.014

Method of Analysis is ASTM E 1019
(Latest Revision)

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 obtained by the laboratory results.

Standards employed:

NIST 341, 107c
CZECH 228, 230
GBW 01319A
JSS 602-9, 111-12

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 is traceable to the above-mentioned standards. For good laboratory practice it is recommended that all standards be verified prior to use.

Certified September, 2000

