

# Alpha Resources, Inc. Certificate Of Analysis

AR 299

CAST IRON STANDARD

LOT # 99696

% CARBON = 1.00 +/- 0.04

% SULFUR = 0.014 +/- 0.001

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

The mean analytical values were derived by a number of data sets analyzed over different days.

The precision values are based upon the standard deviation obtained by the laboratory results.

Standards employed:

NIST 4k, 122f

German 035-1

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.