

Alpha Resources, Inc. Certificate Of Analysis

AR 894

CARBON STEEL PIN STANDARD

LOT # T39074299

% CARBON
MEAN = 0.544
ONE SIGMA = 0.003
TWO SIGMA = 0.006
RANGE = 0.537 – 0.551

% SULFUR
MEAN = 0.0096
ONE SIGMA = 0.0007
TWO SIGMA = 0.0014
RANGE = 0.0082 – 0.0110

Method of Analysis is ASTM E 1019-00

Primary Standards Employed:

NIST	13g, 73c, 343a, 2160
JSS	150-14

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. When necessary, professional judgment is applied toward consideration of data and statistical information.

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, 2000

