

Alpha Resources, Inc. Certificate Of Analysis

AR 888

STAINLESS STEEL PIN STANDARD

LOT # 8E8539

% CARBON
MEAN = 0.038
ONE SIGMA = 0.003
TWO SIGMA = 0.006
RANGE = 0.031 – 0.049

% SULFUR
MEAN = 0.207
ONE SIGMA = 0.011
TWO SIGMA = 0.022
RANGE = 0.194 – 0.224

Method of Analysis is combustion / IR detection
ASTM E 1019 sections 9 through 19

Standards Employed:
NIST SRM 129c, 368, 133b

Notes:

The mean values reported is from a number of data sets acquired by different analysts over different days using ASTM approved instruments.

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

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.

Certified March, 1997

