

Alpha Resources, Inc. Certificate Of Analysis

STEEL PIN STANDARD

AR 895
LOT A26076

% CARBON	%SULFUR
MEAN = 0.274 %	MEAN = 0.021 %
ONE SIGMA = 0.004	ONE SIGMA = 0.001
TWO SIGMA = 0.008	TWO SIGMA = 0.002
RANGE = 0.266 - 0.282	RANGE = 0.019 - 0.023

METHOD OF ANALYSIS IS COMBUSTION/IR DETECTION
ASTM E 1019 (LATEST REVISION)

PRIMARY STANDARDS EMPLOYED:

N.I.S.T. SRM	73c, 11h, 13g, 12h
JSS SRM	150-14

NOTES

The mean analytical values were derived by a number of data sets provided by different analysts utilizing A.S.T.M. approved instrumentation.

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

The statistical analysis 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 APRIL, 2000



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