

Alpha Resources, Inc. Certificate Of Analysis

ALPHA RESOURCES RING STANDARD

AR 873

LOT 1295197

%CARBON	%SULFUR
MEAN = 0.438%	MEAN = 0.0034
ONE SIGMA = 0.003	ONE SIGMA = 0.0005
TWO SIGMA = 0.006	TWO SIGMA = 0.0010
RANGE = 0.4319 - 0.4446	RANGE = 0.0025 - 0.0045

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

PRIMARY STANDARDS EMPLOYED WERE:

NIST	363
NIST	11h
NIST	13g
NIST	2160

NOTES:

The mean analytical values were derived by a number of data sets by various ASTM approved instruments.

The precision values represent the standard deviation, two times the standard deviation, and the complete range of analyses obtained by the data sets. Certificate revised 4/8/97.

The statistical analysis and overall coordination leading to certification was performed by K.E. Dyer at Alpha Resources.

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.

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 April 1, 1997
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www.alpharesources.com

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