

Alpha Resources, Inc. Certificate Of Analysis

AR 673

STANDARD REFERENCE MATERIAL

IRON STANDARD

LOT # 062598

% CARBON
MEAN = 0.0004
ONE SIGMA = 0.0001
TWO SIGMA = 0.0002
RANGE = 0.0002 – 0.0006

% SULFUR
MEAN = 0.0010
ONE SIGMA = 0.0002
TWO SIGMA = 0.0004
RANGE = 0.0007 – 0.0013

Method of Analysis is ASTM E 1019
(Latest Revision)

The certified mean values were derived by a number of data sets provided by various laboratories over different days by separate analysts utilizing ASTM approved instruments.

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

One or more of the following standard reference materials were employed:

NIST	SRM	2168
Japan	JSS	1201-1, 244-5
China	NCS	11011
German	SRM	284-1

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 secondary standard reference material, 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 September, 1998



P.O. Box 199 3090 Johnson Road Stevensville, MI 49127 USA Phone (269) 465-5559 Fax (269) 465-3629

www.alpharesources.com

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