

**AR 958  
STAINLESS STEEL CHIP STANDARD  
LOT # 22800**

**% CARBON  
MEAN = 0.058  
ONE SIGMA = 0.001  
TWO SIGMA = 0.002  
RANGE = 0.056 – 0.060**

**% SULFUR  
MEAN = 0.027  
ONE SIGMA = 0.001  
TWO SIGMA = 0.002  
RANGE = 0.025 – 0.029**

**PPM NITROGEN  
MEAN= 524 PPM  
ONE SIGMA= 12 PPM  
TWO SIGMA= 24 PPM  
RANGE= 500 – 548 PPM**

**FOR REFERENCE ONLY OXYGEN = 123PPM**

Method of Analysis is ASTM E 1019-00

Primary Standards Employed:

NIST	SRM 8j, 14e, 73c, 343a, 367
BAM	228-1, 238-1
JSS	150-14, 155-9
NCS	HC11301

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.

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 June, 2000

