

# Alpha Resources, Inc.

## Certificate Of Analysis

OXYGEN & NITROGEN PIN STANDARD

AR 663  
LOT 11496  
PPM OXYGEN = 82 12  
PPM NITROGEN = 1160 28

METHOD OF ANALYSIS IS ASTM E 1019  
(LATEST REVISION)

The mean value reported is from a number of data sets acquired over different days by separate analysts utilizing ASTM E 1019 approved instruments.

The precision value is based on two times the standard deviation obtained from these data sets.

One or more of the following standard reference materials were employed in calibration.

NIST SRM 367,1091a,343a AND 1099

### 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 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 JUNE, 1996\_\_\_\_\_

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