

# Alpha Resources, Inc.

## Certificate Of Analysis

OXYGEN & NITROGEN PIN STANDARD

AR 661  
LOT 61AA  
PPM OXYGEN = 8 2  
PPM NITROGEN = 281 9

ROUND ROBIN RESULTS			
LAB	PPM OXYGEN	PPM NITROGEN	METHOD
1	6	272	1
2	8	287	1
3	8	275	1
4	10	281	1
5	8	290	1

METHOD 1 IS ASTM E 1019-88  
( CARBOFUSION )

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

NIST SRM 367,73c,50c AND 153a  
SKF SRM 50-1,200S-1,201S-1 AND 301S-1

### NOTES:

The statistical analysis of the certification was performed by D.M. Reasons at Alpha Resources.

The overall direction and coordination of the analytical measurements leading to certification were performed by D.M. Reasons 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.