

# Alpha Resources, Inc.

## Certificate Of Analysis

HIGH NITROGEN COMPOSITE BLEND  
AR 6103  
LOT 6103809

% NITROGEN  
MEAN = 2.95%  
ONE SIGMA = 0.17%  
TWO SIGMA = 0.34%

This standard was produced gravimetrically from a base stock of high purity raw materials with balances calibrated and checked by precision NIST traceable weights. The precision values represent one sigma, and the two sigma expanded degree of uncertainty based on errors from analysis at a 95% confidence level (k=2). When necessary, professional judgment is applied toward consideration of data and statistical information. 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. Normal ASTM procedures should be employed when using this standard. This includes using the *reproducibility* and *repeatability* factors for the test method you wish to employ.

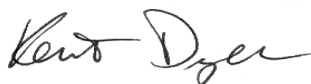
#### Notes:

This data was reported using inert gas fusion with graphite crucible and thermal conductivity detection. The instrument used was LECO TC-436. There were no primary standards of this type and matrix available at the time of certification. This is an in house certification. There was no other laboratory data involved in this certification.

This is a prepared Reference Material (RM), for good laboratory practice it is recommended that all standards be verified prior to use. 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 standard was produced in accordance to Guide 34. Alpha Resources has become accredited under the ISO Guide 34:2009 for RMP and holds a ISO 17025 accreditation. Refer to certificate and scope of accreditation for details.

August 31, 2009



Kent Dyer - Technical Manager