

AR-1650

OXYGEN & NITROGEN PIN STANDARD

LOT # G-94

PPM OXYGEN
MEAN = 54
ONE SIGMA = 5
TWO SIGMA = 10
RANGE = 44 - 64

PPM NITROGEN
MEAN = 97
ONE SIGMA = 6
TWO SIGMA = 12
RANGE = 85 - 109

Method of Analysis is inert gas fusion
ASTM E 1019
(Latest revision)

Standard Reference Materials employed were:

NIST	SRM 50c, 368
JSS	GS 1d
NCS	HC 11001, NS 20019
IPT	73

Notes:

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

The precision value is based on the standard deviation, two times the standard deviation, and complete range of analyses.

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 October, 2002

