

Alpha Resources, Inc. Certificate Of Analysis

AR 655

OXYGEN & NITROGEN PIN STANDARD

LOT # 708793

PARTS PER MILLION OXYGEN = 21 +/- 3
PARTS PER MILLION NITROGEN = 3896 +/- 93

Round Robin Results

Lab Number	PPM OXYGEN	PPM NITROGEN	METHOD
1	21	3845	1
2	21	3803	1
3	19	3989	1
4	24	3947	1
5	20	3896	1

Method 1 is ASTM E 1019-88
(Inert gas fusion)

NIST Standards employed were SRM 367, 1098, 1099, and 343a

Notes:

The statistical analysis and overall coordination leading to certification was performed by D.M. Reasons as Alpha Resources.

The overall direction and coordination of the analytical measurements leading to certification was 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 is traceable to the above-mentioned standards. For good laboratory practice it is recommended that all standards be verified prior to use.

Certified April, 1996

P.O Box 199 3090 Johnson Road Stevensville, MI 49127 Phone (269) 465-5559 Fax (269) 465-3629

www.alpharesources.com

Page 1 Of 1

Alpha Resources, Inc.
Certificate Of Analysis

DM Powers

