

COPPER PIN STANDARD
FOR
OXYGEN & SULFUR

AR 149

LOT 499993

PPM OXYGEN = 282 Standard Deviation= 4
PPM SULFUR = 13 Standard Deviation= 2
PPM CARBON = 5.1 Standard Deviation= 0.6

The certified mean values were statistically derived from the values reported to Alpha Resources through Round Robin.

METHODS

OXYGEN Inert Gas fusion
SULFUR Combustion-Iodate Titration
CARBON Combustion-In-frared Dectection

Standard Reference Materials employed were:

NIST SRM 1091
Nist SRM 1098
Nist SRM 1093

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.