Alpha Resources, Inc. Certificate Of Analysis

AR 307

TUNGSTEN CARBIDE STANDARD

LOT # 950383

% TOTAL CARBON = 6.13 +/- 0.02

ROUND ROBIN SUMMARY

| LAB | % CARBON | METHOD |
|---------------------------------------|---------------------|--------|
| 1 | 6.15 | 1 |
| 2 | 6.11 | 1 |
| 3 | 6.14 | 1 |
| 4 | 6.13 | 1 |
| 5 | 6.12 | 1 |
| | | |
| | Method of Analysis: | |
| | ASTM E 1019 | |
| NICT standard applicated was CDM 2764 | | |
| | | |

NIST standard employed was SRM 276A

Notes

The statistical analysis and overall 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.

Certified March, 1995