

Alpha Resources, Inc.

Certificate Of Analysis

AR-4018
CARBON AND SULFUR IN SOIL
LOT # 41708

% CARBON
MEAN = 1.30
ONE SIGMA = 0.05
TWO SIGMA = 0.10
RANGE = 1.23 to 1.40

% SULFUR
MEAN = 0.98
ONE SIGMA = 0.06
TWO SIGMA = 0.12
RANGE = 0.86 to 1.11

Primary Standards Employed:

NIST	153a, 337a, 155, 163, 16f
JSS	602-9, 11-03, 611-10
DH	X0206
NCS	DC73326, DC70019

Notes:

This data was reported using various induction and resistance type furnaces. The use of accelerants like vanadium pent-oxide and tungsten oxide were used in the resistance furnace techniques in order to properly liberate the sulfur.

The mean analytical values were derived by a number of data sets (n=50). The precision values represent the standard deviation, two times the standard deviation, and complete range of analysis. 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.

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 June, 2008

