

Alpha Resources, Inc.

Certificate Of Analysis

AEB-2044

Methionine, OAS

LOT #13310EU

Carbon	=	40.25%
Hydrogen	=	7.43%
Nitrogen	=	9.39%
Oxygen	=	21.45%
Sulfur	=	21.49%

This Organic Analytical Standard (OAS) consists of purified Methionine for use as a routine working microanalytical standard for the determination of carbon, hydrogen, nitrogen, oxygen and sulfur.

Carbon, Hydrogen, and Nitrogen

The values for Carbon, Hydrogen, and Nitrogen were checked using a commercial carbon, hydrogen, and nitrogen analyzer against Acetanilide Standard Reference Material 141c, from NIST. No deviation from the theoretical values was detected within the limits of experimental error. It is recommended that the theoretical percentages by weight be used as reported above.

Oxygen and Sulfur

The values for oxygen and sulfur were determined using a commercial oxygen and/or sulfur analyzer against Cystine SRM 143c from NIST. No deviation from the theoretical value was detected within the limits of experimental error. It is recommended that the theoretical percentages by weight be used as reported above.

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 Reference Material (SRM) provided by a governing agency such as NIST, when available.

Prepared by D.M. Reasons
Director of Quality Assurance

