

# Alpha Resources, Inc.

## Certificate Of Analysis

**UREA, OAS**

**AEB2038**  
**Lot Number C257093**

Carbon, Hydrogen, Nitrogen, & Oxygen

Carbon = 20.00%  
Hydrogen = 6.71%  
Nitrogen = 46.64%  
Oxygen = 26.64%

This Organic Analytical Standard (OAS) consists of high purity Urea for use as a routine working micro analytical standard for the determination of Carbon, Hydrogen, Nitrogen, and Oxygen.

The vial contains 1 gram of high purity Urea to be used per your test method. The assay (100.4%) was determined by Non-Aqueous Titration using 0.1 N Perchloric Acid in Acetic Acid which is traced back to NIST 84L (Potassium Hydrogen Phthalate). The values for Carbon, Hydrogen, Nitrogen, and Oxygen represent the stoichiometric values of high purity Urea.

This material shows little tendency to gain or lose weight when exposed to typical laboratory air. It is recommended that after use the container should be tightly closed and stored under normal laboratory conditions.

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.

Certified January 31, 2014



Technical Manager

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