

# Alpha Resources, Inc.

## Certificate Of Analysis

AR-01067

### GLUTAMIC ACID STANDARD

LOT# SLBJ2571V

**Carbon = 40.82%**

**Hydrogen = 6.17%**

**Nitrogen = 9.52%**

**Oxygen = 43.50%**

Assay: 100% (TLC)

F.W. 147.13 g/mol

#### Notes:

This Organic Analytical Standard (OAS) consists of high purity glutamic acid for use as a routine working micro analytical standard. Refer to your instrument manufacturer's recommendations and/or test method for uncertainty capabilities.

This bottle contains 100g to be used per your test method. This is a certified reference material (CRM) and is verified by its purity and empirical stoichiometry in accordance with recommendations of the Analytical Chemistry Section of the International Union of Pure and Applied Chemistry. Keep sealed and store under normal laboratory conditions. The above values represent the stoichiometric values of pure glutamic acid.

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.

**Alpha Resources is accredited under the ISO Guide 34:2009 for RMP and holds an ISO 17025 accreditation. Refer to certificate and scope of accreditation for details.**

#### EXPIRATION DATE

**THIS CRM IS VALID FOR TWO YEARS FROM THE DATE OF OPENING**