

TERMS & DEFINITIONS COMMITTEE
SUBMISSION REQUEST FORM

Submission Date: 06/16/2016

CONTACT INFORMATION:

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Category: New Fertilizer Material New Term Soil Amendment Beneficial Substance

Submission's Proposed Definition:

Magnesium Amino Acid Complex : is an organic complex of magnesium (II) with an amino acid product and is commonly expressed as the Mg amino acid salt, e.g., magnesium glycinate

AOAC or Equivalent Method(s) of Analysis (if applicable):

AOAC Method #985.01 - Prep Method #957.02

Submitted Research: (Minimum of 3 required)

PubChem Chemistry Database - Chemical Analysis

Thermodynamic parameters for the formation of glycine complexes

Stability Constants (from) Chapter 6 - Sequestrants in Foods , by Thomas E Furia (2nd ed.)

SDS from AK Scientific, Inc.

Additional Research Citations:

Currently Approved AAPFCO Terms & Definitions:

Cu-13 Copper Amino Acid Complex

Fe-15 Iron Amino Acid Complex

Mn-12 Manganese Amino Acid Complex

Zn-15 Zinc Amino Acid Complex

- Can this material be posted to the Secure Site of the AAPFCO Website? (For control officials only.)
- Can this material be posted to the AAPFCO Website for everyone to see?