

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:

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

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

AOAC Method #958.01 - 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

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Can this material be posted to the AAPFCO Website for everyone to see?