

# Pacific Agricultural Certification Society



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## Genetically Engineered/Modified Declaration

I hereby declare that the following is true for the following product(s) and its components:

Gynostemma Pentaphyllum – Jiaogulan Leaf and Powder  
*(Exact identification of product)*

as supplied by Aum Tea Company (aka Jiaogulan Tea Company) of Thailand  
*(Name of organic processor/producer)*

Circle "true" or "no" for each statement below. "True" means that the statement is TRUE about the product listed above; "no" means that the statement is NOT TRUE.

<b>Genetically Engineered/Modified (GEO/GMO)* Declaration</b>		
Each ingredient and processing aid is documented to be non-GEO/GMO. (Example: lecithin derived from soy – the soy plants must be documented to be from non-GEO/GMO seed and not contaminated with other soy that is possibly GEO/GMO at any stage.)	true	no
If micro-organisms are used in the creation of the ingredient, including as a processing aid, the micro-organisms used are not genetically engineered/modified. (Examples: Citric acid – micro-organisms used to produce citric acid must not be GEO/GMO. Enzymes produced by fermentation – the fermentation micro-organisms must not be GEO/GMO).	true	no
Substrates used when manufacturing an ingredient cannot be confirmed to be GEO/GMO free; however the <u>product</u> does not contain modified DNA and/or proteins from the potential GEO/GMO substrate. All processing aids and micro-organisms used are non-GEO/GMO. (Example: non-animal rennet: substrate contains corn and it is unknown if it is GEO/GMO-free, but the micro-organism is non-GEO/GMO and there are no substrate remnants, including genetic material in the rennet.)	true	no
If there are enzymes in this product, they are derived from edible, nontoxic plants or non-pathogenic bacteria or non-pathogenic fungi that are not genetically modified.	true	no

\* **Genetic Engineering/Modification** (Génie génétique): Refers to techniques by which the genetic material of an organism is changed in a way that does not occur naturally by multiplication and/or natural recombination. Examples of the techniques used in genetic engineering include but are not limited to:

- recombinant DNA (rDNA) techniques that use vector systems;
  - techniques involving the direct introduction into the organism of hereditary materials prepared outside the organism;
  - cell fusion (including protoplast fusion) or hybridization techniques that overcome natural physiological, reproductive or recombination barriers, where the donor cells/protoplasts do not fall within the same taxonomic family.
- Unless the donor/recipient organism is derived from any of the above techniques, examples of techniques not covered by this definition include:
- in vitro fertilization;
  - conjugation, transduction, transformation, or any other natural process;
  - polyploidy induction;
  - cell fusion (including protoplast fusion) or hybridization techniques where the donor cells/protoplasts are in the same taxonomic family.

Additional Information \_\_\_\_\_

Name of Person completing this form: Marc Cofer

Title Managing Director Company Aum Tea Company (Jiaogulan Tea Company)

Signature Marc Cofer Valid Date Jan 1, 2013 to Dec 31, 2015

Form must be completed by a person in authority with full knowledge of the product