



(Physalis peruviana)  
**GOLDEN  
BERRY  
POWDERED**

✓ **ORIGIN**

Elaborated by **ANDES KINKUNA S.A. Ecuador.**

✓ **DESCRIPTION**

It is a mixture of **Golden berry's pulp** solids and maltodextrin, dried by Spray Dryer.

### COMPONENTS

Maltodextrin

Golden Berry's pulp

### FUNCTION

Encapsulating agent

Vitamin C and polyphenols boost

### PROPERTIES

Golden Berry (Uvilla-Physalis peruviana) originates from the South American Andes, is covered by a cup or calyx of five sepals that protects against insects, birds, pathogens and extreme weather conditions, characterized by having a sweetened fruit and contains Vitamin C.

Ascorbic acid is widely distributed in fruits and vegetables. It is classified as a water soluble vitamin, so it is abundant in fruits with a water content exceeding 50%. This would explain the high level of ascorbic acid (vitamin C) in the fruit uvilla. This vitamin plays an important role in human nutrition, including growth and maintenance of tissues, production of neurotransmitters, hormones and immune system responses.

Uvilla has natural antioxidants such as vitamin C,  $\beta$ -carotene and polyphenols, which reduce the adverse effects of reactive oxygen and reactive nitrogen that can damage macromolecules such as lipids, DNA and proteins which are related to cardiovascular diseases and neurodegenerative diseases.

### PRODUCT ADVANTAGES

Polyphenols and vitamins in Golden Berry's bioactive compounds are very susceptible to changes by pH, temperature, light and oxygen. Our Golden Berry microencapsulated powder, allows conservation and assimilation of these compounds and the many benefits they offer, as its antioxidant power.

### MANIPULATION AND STORAGE

- Store in a cool, dry environment (temperature 15-30 ° C, relative humidity  $\leq$  65%).
- Place the boxes on pallets.

### TRANSPORTATION

- Carried in clean and appropriate vehicle (closed).
- Keep the boxes on pallet isolated floor. No need cooling conditions during transportation.
- Meet the conditions of temperature and humidity in the storage recommended.

### USEFULL LIFETIME

730 days from the date of preparation, meeting the recommended storage conditions.

## APPLICATIONS

- **Pharmaceutical industry:**  
Due to its properties and nutrients such as vitamin C and antioxidants, it is used to make several drugs, tablets, capsules and / or gummies for children and adults.
- **Cosmetic industry:**  
Preparation of creams and lotions for skin care.
- **Beverage industry:**  
To generate functional drinks

# NUTRITIONAL INFORMATION PER 100G

Parameter	Unity	Result
Total energy	KJ / 100g	1508
	Kcal / 100g	360
Grease	%	0.08
Carbohydrates	%	86.29
Protein (F: 6.25)	%	3.88
Sodium	mg / 100g	<0.01
Cholesterol	mg / kg	34.74
Total sugars	%	23.79
Vitamin C	mg / 100g	0.10
Polyphenols	%	0.14

About us:



**Certifications**

**BPM CODE** 0001-BPM-AN-0517  
**HACCP** ready for the end of 2019

**MADE  
IN ECUADOR**

