

(*Vaccinium floribundum*  
and *Ilex guayusa*)

# ANDEAN BLUEBERRY & GUAYUSA MICROENCASULATED



## ✓ ORIGIN

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

## ✓ DESCRIPTION

It is a mixture of **Andean Blue Berry (Mortino)** and **Guayusa leaf** from **Amazon Region** tea solids with maltodextrin, flavored with red fruits and lemongrass, sweetened with sucralose and stevia.

## COMPONENTS

Maltodextrin
Andean Blue Berry pulp
Guayusa extract
Red fruit flavor
Lemongrass flavor
Sucralose
Stevia

## FUNCTION

Encapsulating agent
Natural contribution of antioxidants
Caffeine and polyphenols boost
Flavoring
Flavoring
Non-caloric sweetener
Non-caloric sweetener

## PROPERTIES

This innovative antioxidant tea that combines the energy and antioxidants benefits of the Ecuadorian amazon guayusa merged with Andean Blue Berry (Mortino). It makes possible to obtain naturally and instantaneously, the properties of two ancient plants in South America.

Tea antiox has an ideal combination of Guayusa and Mortino extract, natural ingredients that provide antioxidants and caffeine for an energizing effect.

- **Andean Blue Berry (Mortino)**

Mortino (*Vaccinium floribundum* Kunth) is a fruit that grows wild on the highlands of Ecuador and Colombia.

Its black color is associated with the highest concentration of anthocyanins and polyphenols. This characteristic is because of this fruit is always receiving the half of the world sunlight benefits, in at altitude of over 2000 meters above sea level.

Mortino microencapsulated pulp is rich in polyphenols, anthocyanin type, which are natural antioxidants which prevent oxidative stress of cells causing aging of the organism.

Also reduces the amount of bacteria in the urinary tract. Part of this mechanism is performed by inhibiting the adhesion of these bacteria, to the mucosa surface

of the urinary tract; This is useful and is exploited treating urinary tract infections such as cystitis.

The mortiño is one of the fruits with the highest antioxidant potential, even more than other berries in the world (blueberry, strawberry, raspberry, etc.) and the majority of tropical fruits.

- **Guayusa:**

Guayusa is a native leaf tea from the jungles of the Ecuadorian Amazon. The members of the Kichwas and ethnic Achuar use their leaves for purification baths or traditional medicine.

Guayusa has a good flavor and pleasant aroma. It is rich in natural caffeine, consequently it is excellent to balance the level of smooth muscle, central, cardiovascular and skeletal muscle nervous system. Caffeine acts as natural cortical, which stimulates the waking state and decreasing the feeling of tiredness, to promote diuresis and accelerate the heart rate.

## PRODUCT ADVANTAGES

All bioactive compounds in this product are very susceptible to changes by pH, temperature, light and oxygen. Tea presentation Antiox powder (microencapsulated ingredients), allows optimum preservation of these compounds and other nutrients contained in the product.

## MANIPULATION AND STORAGE

- Store in a cool, dry environment (temperature 15-30° C, relative humidity ≤ 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

- **Food industry:**  
To produce powdered and liquid energizing supplements for their natural active ingredient.
- **Pharmaceutical industry:**  
In the elaboration of multivitamins in tablets or capsules, which provide energy, vitality and delay of aging due to its antioxidants.

# NUTRITIONAL INFORMATION PER 100G

Parameter	Unity	Result
Total energy	KJ / 100g	1575.27
	Kcal / 100g	375.96
Grease	%	0.19
Carbohydrates	%	83.13
Protein (F: 6.25)	%	10.67
Cholesterol	mg / 100g	<0.01
Sodium	mg / kg	546.65
Total sugars	%	1.66
Calcium	mg / kg	71.90.49
Iron	mg / kg	76.77
Potassium	mg / kg	5202.99
Vitamin D	UI / 100g	38.78
Polyphenols	%	0.44
Caffeine	mg / 100g	486.23

### About us:



**Certifications**  
**BPM CODE**

0001-BPM-AN-0517



**MADE IN ECUADOR**

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