



# Granja Alfonso Roth S.A.S.



## WHAT IS PROPOLIS?

Propolis is a resinous substance from wild trees and shrubs that bees extract in order to hermetically plug their hive and to prevent any type of infection from alien agents inside it.

## ITS COMPOSITION IS HIGHLY COMPLEX:

Resins and balms: 50-55%

Wax: 25-35%

Volatile oils: 10%

Pollen: 5%

Organic and mineral substances: 5% <sup>1</sup>

## Propolis Actions:

- Antibacterial and bacteriostatic action.
- Anesthetic action
- Healing action.
- Anti-inflammatory action.
- Positive action on immunological mechanisms.
- Antifungal action.

## CRUDE OR GROSS PROPOLIS:

It is obtained directly from the hive by simple scraping, without purifying.

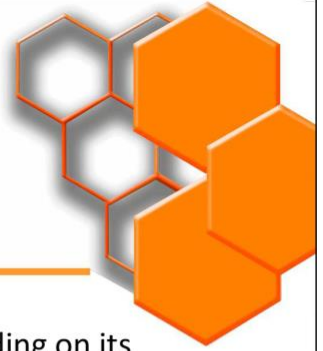
Organoleptic characteristics:

**Aroma:** characteristic of this product, resinous or balsamic, depending on its botanical and / or geographical origin.

**Color:** yellow, brown, greenish, brown, reddish and other similar ones, varying according to their botanical and / or geographical origin.



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**Flavor:** variable, from mild and balsamic to strong and spicy, depending on its botanical and / or geographical origin.

**Consistency at room temperature:** malleable or rigid, depending on its botanical and / or geographical origin.

**Appearance:** homogeneous or heterogeneous, preferably in uncompressed pieces.



## PROPOLIS POWDER

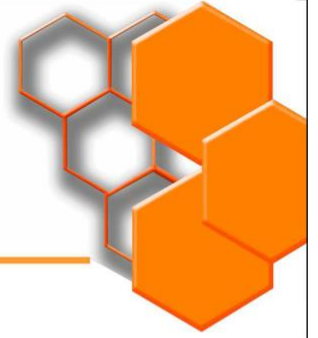
Powdered Propolis contains the same characteristics as crude or crude Propolis, in its powder form. It is ideal for making enhanced Propolis tablets. In addition, Propolis powder is the raw material for various ointments with different concentrations of Propolis.

## PASTRY PROPOLIS or SOFT EXTRACT

"Soft Propolis Extract" is understood to be the semi-finished product, which is obtained by processing crude propolis with quality ethyl alcohol, in order to extract the biologically active components, filtering impurities and waxes. The alcohol evaporates working at a controlled temperature, so as not to affect the bioactive compounds, obtaining a purified substance with a pasty consistency.



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## Flavonoids

- Flavones: acacetin, yellow chrysin, pectolinin, tectocrisin.
- Flavanols: galangin, izalkinin, kaempferide, quercetin, rhamnocitrin.
- Flavonones: pinostrobin, sakuranetina.
- Flavononols: pinobanksina.

## Minerals:

Aluminum, silver, barium, boron, chromium, cobalt, copper, tin, iron, magnesium, manganese, molybdenum, nickel, lead, selenium, silicon, strontium, titanium, vanadium, zinc.

**Vitamins:** Pro vitamin A, vitamin B3, after vitamins of group B .