

### **A Gift from Brazilian Nature**

TO YOUR HEALTH



Established in 1992, with the aim of providing a healthy and joyful life, MN Propolis gears its activities towards research, development and manufacturing of healthy and functional foods.

MN Própolis is a Brazilian company, based in Mogi das Cruzes city, state of São Paulo, and has become a benchmark in the manufacture of Green Propolis, the most featured one in national and international markets, reaching countries such as Japan, China, France, Germany, USA, Canada, Turkey, South Korea, Malaysia and others.

Using high technology and aiming at technical excellence in its production, MN Própolis was the first beekeeping company in Brazil to receive the organic certificate for its products, as well as the Good Manufacturing Practices certification. Our practices and ingredients are also approved by the islamic and jewish laws.

With high quality raw materials and laboratorial analysis we guarantee the safety, quality and reliability of our products. And with an innovative spirit, we are constantly in search of new alternatives for wellbeing and health, always keeping in mind a sustainable and ecologically correct development.









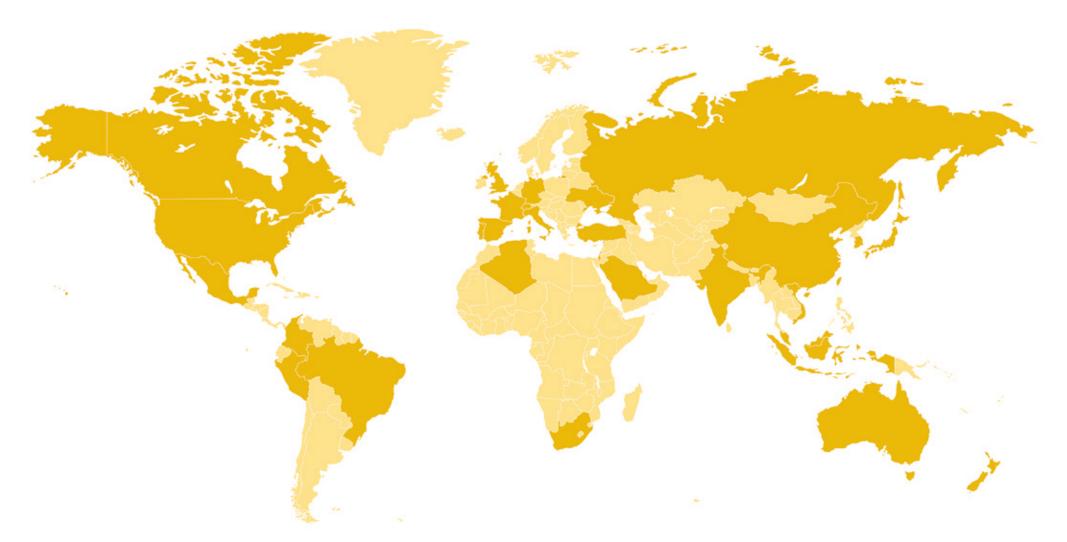








## We are Global



JAPAN - CHINA - UNITED STATES - CANADA - SOUTH KOREA - FRANCE - GERMANY - SOUTH AFRICA - SWITZERLAND - ITALY - VIETNAM - INDONESIA - AUSTRALIA - HONG KONG - MALAYSIA - TURKEY - SAUDI ARABIA - INDIA - SINGAPORE - NEW ZEALAND - MEXICO - ISRAEL - ENGLAND - UKRAINE - SPAIN - ALGERIA - PORTUGAL - RUSSIA - PERU - COLOMBIA

## **Raw Materials**



#### Raw Green Propolis <sup>5kg</sup>

Ingredients: Raw Green Propolis

Conventional and Organic



Ingredients: Propolis Extract

Water soluble Powder







#### Concentrated Propolis Extract

Ingredients: Propolis Extract (propolis and ethyl alcohol)

Conventional and Organic



Ingredients: Brazilian Green Propolis

Conventional and Organic



## **Propolis Extract**

Since 1992 we manufacture the highest quality propolis extracts with the best raw materials



#### Propolis Extract Ouro

Ingredients: Green Propolis and Ethyl Alcohol

Brix: > 48%

Dry Extract: > 25% (w/v) Flavonoids: >16mg/mL



#### Aqueous Propolis Extract

Ingredients: Propolis and Water

Brix: > 29 ~ 31% Dry Extract: > 18% (w/v) Flavonoids: > 6mg/mL



#### Organic Propolis Extract

Ingredients: Organic Propolis and Organic Ethyl Alcohol

Brix: > 34%

Dry Extract: > 15% (w/v) Flavonoids: > 7mg/mL



Ingredients: Green Propolis and Ethyl Alcohol

Brix: > 41% Dry Extract: > 20% (w/v) Flavonoids: > 12mg/mL



### MN Provitta

Ingredients: Propolis and Ethyl Alcohol

Brix: > 34% Dry Extract: > 11% (w/v) Flavonoids: > 7mg/mL



#### Propolis Extract

We provide our Propolis Extracts both in retail packages and in 20L plastic drums







## **Organic Honey**



Organic Honey 200g, 280g & 550

Ingredients: Organic Honey



Honey with Royal Jelly 200g, 280g & 550g

Ingredients: Organic Honey and Royal Jelly



Honey with Propolis Extract 200g, 280g & 550g

Ingredients: Organic Honey and Organic Propolis





Honey with Bee Polen 200g, 280g & 550g

Ingredients: Organic Honey and Organic Bee Polen



Ingredients: Wild Flower Pure Honey

Conventional and Organic



### **Sprays**

## **Supplement**



MN no Própolis Honey and Propolis Extract **Spray S** 35ml

Ingredients: Propolis Extract (propolis and ethyl alcohol), Honey, Water, and Mint Flavor

Dry Extract: > 35% (w/v) Flavonoids: > 3mg/mL



Ingredients: Organic Propolis Extract (organic propolis extract and ethyl alcohol), Organic Honey and Distilled Water

> Dry Extract: > 34% (w/v) Flavonoids: > 3mg/mL



Hone Propo Spra 35ml

Honey and Propolis Extract Spray AMARELO 35ml

Ingredients: Honey, Water, Propolis Extract (propolis and ethyl alcohol) and Mint Flavor

Dry Extract: > 30% (w/v) Flavonoids: > 1mg/mL

Organic Honey and Organic Propolis Extract Spray BR Green

Ingredients: Organic Honey, Organic Propolis Extract (organic propolis and ethyl alcohol)

> Dry Extract: > 40% (w/v) Flavonoids: > 1mg/mL





Flavonoids: > 24mg/g Phenolic Compounds: > 60mg/g

Linseed Oil and Vitamin E

Artepillin-C: > 2%

EXTRATO DE PRÓPOLIS em capsula suplemento alimentas suplemento alimentas suplemento alimentas suplemento alimentas suplemento alimento alimentas suplemento alimentas suplemento alimentas suplemento alimentas suplemento alimentas suplemento alimento alimen

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Propolis Extract Tablets

Ingredients: Propolis extract, shark cartillage, dehydrated agaricius mushroom and maltodextrin

Flavonoids: > 10mg/g (2,5mg/tablets) Phenolic Compounds: > 24mg/g (6mg/caps) Artepillin-C: > 0,4%

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# LYOPHILIZED PROPOLIS EXTRACT

## LYOPHILIZED PROPOLIS

MN Propolis's Lyophilized Propolis Extract is produced from this lyophilization technology of Brazilian green propolis, obtaining a water-soluble powder with high levels of bioactive compounds, such as flavonoids, phenolic compounds and mainly Artepillin-C. In addition to these advantages, due to its lower weight and volume, the Lyophilized Propolis Extract enables the reduction of logistics, storage and processing costs in industries such as food, pharmaceutical, cosmetic and supplementation.

## PRODUCT CHARACTERISTICS

In conventional dehydration processes, foods are subjected to air heating to remove water through evaporation. The result is a dehydrated food, however, with its nutrients and active ingredients damaged by heat and oxidation. To obtain a dehydrated product with its nutrients and active ingredients without damage. **MN Propolis** acquired the dehydration process called Freeze Drying, where the food is subjected to freezing under vacuum (without contact with air). At the end of the process, the water contained in the solid state food goes directly to the gas state (sublimation), without heating and oxidation, **preserving all the nutrients of the product.** 

## EQUIPAMENT'S CHARACTERISTICS

The lyophilization equipment (Freeze Dry Machine), due to the complexity of the project and the process, has a cost of **5** to **8** times higher than the Spray Dry Machine. The cost of the process is higher also in the Lyophilization process due to parameters that must be controlled. Those parameters are not required in the atomization dehydration process (Spray Dry). However this cost is compensated in the quality of the final product.



MORE BIOACTIVE COMPOUNDS

UP TO 50% LESS VOLUME

EXPORTED WORLDWIDE

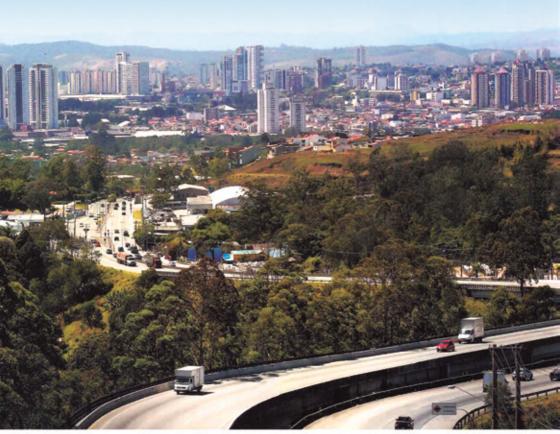
#### **MN Própolis'** Bee Farm Paraibuna City, São Paulo State - Brazil

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**MN Própolis** - Ind., Com. e Exp. Ltda. A Gift from Brazilian Nature to your Health





MN Própolis is established in the city of Mogi das Cruzes





#### MN Própolis - Indústria, Comércio e Exportação Ltda.

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