

# 100% Australian HONEY



## AUSTRALIAN MANUKA HONEY



### Active Australian Manuka Honey

Our active Australian Manuka Honey is harvested by our specialist beekeepers along the East Coast of Australia's pristine bushland and forests. Our bees feed upon the Leptospermum plant to produce the finest quality Manuka Honey. The indigenous people from both Australia and New Zealand have been using Manuka Honey in their traditional medicines for years.

Active honey has much greater antibacterial properties compared to normal honey. Manuka Honey with its antimicrobial properties has been said to ease and restore many conditions such as abrasions and wounds, infections, eczema, inflammation, fungal infections and much more. Manuka Honey is extremely sought after worldwide for use at home and in hospitals, veterinary practices and other specialist clinics.

Manuka honey contains a natural antibacterial activity often known as Non-Peroxide Activity (NPA). Through thorough research it has been found that this activity is attributed to the naturally occurring chemical Methylglyoxal (MGO). Manuka honey can contain over 70 times the MGO level than normal honeys.

### MGO (Methylglyoxal) Activity Rating

One of the main components attributed to the unique activity in Manuka Honey is methylglyoxal (MGO). MGO is an indicator of the strength of the activity in Manuka Honey. We have Australian Manuka Honey available in a variety of MGO ratings. The activity strength (MGO Rating) on the label indicates the therapeutic benefit of the honey, the higher the rating the more beneficial the honey will be.

The MGO rating you choose depends on the intended use and antibacterial strength you prefer. Contrary to popular belief, active honey is not only unique to New Zealand. Active Manuka Honey is also found in Australia with identical properties to New Zealand Manuka Honey (for a comparison of MGO versus NPA (UMF) ratings please refer to our graph).

Great for everyday table use. UMF Rating is estimated, not an official rating.

Great for assisting with immune support, good for daily use.

Very Popular middle range manuka for health.

High grade manuka used for health and well being.

Very high manuka honey, good for wound care & internally assist with immune system.

#### 30 MGO

Manuka blend honey perfect for daily use and general everyday health.



≤2 NPA

#### 83 MGO

Assists in healthy immune support, ideal for daily use for boosting your immune system.



5+ NPA

#### 263 MGO

Popular middle of the range anti bacterial Manuka for health and immune support.



10+ NPA

#### 514 MGO

High grade anti bacterial Manuka honey with a high level of bioactivity used for health.



15+ NPA

#### 829 MGO

Potent & strong anti bacterial Manuka honey. For effective wound care, and internally assists.



20+ NPA



# 100% *Australian* HONEY



**BeePower.**

## **MGO Comparison to NPA/UMF**

### *MGO Comparison to NPA/UMF*

Honey that contains Non Peroxide Activity (NPA also known as UMF®) is found in New Zealand and Australia. MGO is measured in parts per million (ppm) and NPA is measured as a percentage of phenol equivalent. MGO refers to a chemical marker and indicator of the strength of NPA or UMF® activity in Manuka honey. To find the MGO equivalent to the UMF please refer to our interactive conversion graph, which will assist in your selection of Manuka Honey.

## **What is Non Peroxide Activity (NPA)?**

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Through many years of research of the peroxide activity in honeys around the world, Dr. Peter Molan found that after destroying the hydrogen peroxide activity (HPA) only one honey still showed strong antibacterial activity. This activity became known as Non Peroxide Activity (NPA). Dr. Molan and his team discovered that Manuka honey with this NPA activity was very effective against many strains of bacteria.

The rating for NPA is measured as a one-to-one relationship to the phenol standard (NPA 5+ is the same antibacterial activity as a 5% phenol solution). Australian Manuka honey also uses a NPA rating. It was also found that honey produced from the *Leptospermum* species in Australia contained NPA.

## **What is Unique Manuka Factor (UMF)?**

### *What is Unique Manuka Factor (UMF)?*

In order to protect the NPA that Dr. Molan had discovered in Manuka Honey a trademark for the Unique Manuka Factor (UMF) was registered. License holders were able to use the UMF rating as a quality marker to describe the strength of the NPA in New Zealand honey. Only Manuka Honey from New Zealand, tested with a Non Peroxide Activity can carry the UMF® trademark (NPA 10 = UMF® 10). This UMF trademark grading system assures purity and quality. For further information, please see [www.umf.org.nz](http://www.umf.org.nz).

## **What does NPA and UMF mean?**

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For commercial reasons there are different symbols to represent the activity strength of Manuka Honey. The most common being NPA, UMF and MGO.

A GREAT SOURCE OF  
*Natural Energy*

