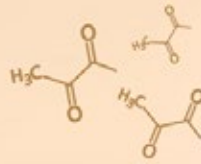


MANUKA HONEY A NATURAL ANTIBIOTIC



People who were well-versed in natural remedies have long valued honey for its **antibacterial and antiseptic properties**.



Modern medicine has come to appreciate manuka honey as a valuable medicinal ingredient, and effective in both food and topical application.



You find **numerous skin care products** such as moisturizers, lip balms, ointments, creams and lotions with varying quantities of honey.



That manuka honey is a powerful antibiotic is no longer anecdotal evidence or limited to the realm of traditional medicine. Indeed, this is a natural way of **treating stubborn infections such as MRSA** on the skin.

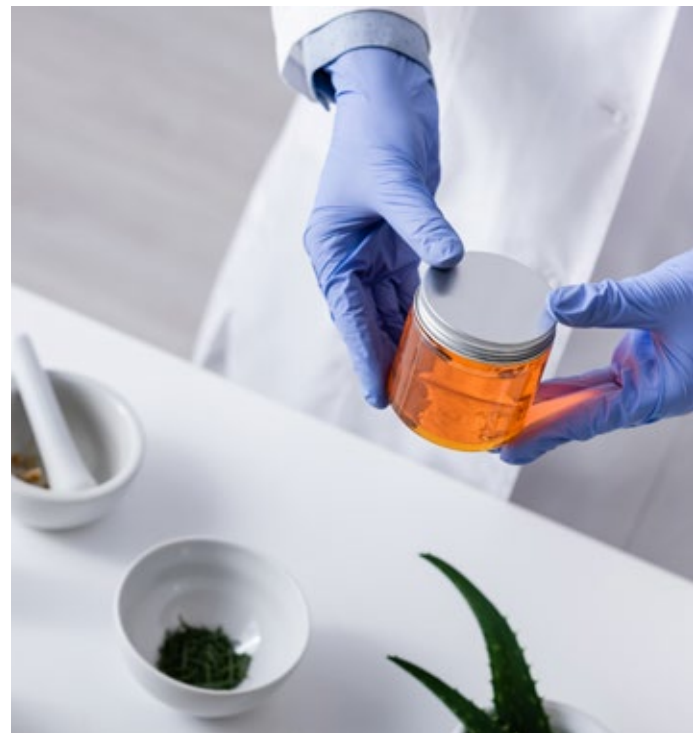
MANUKA HONEY AND ANTIBIOTIC RESISTANCE

In recent years, doctors have struggled to treat infections resistant to regular antibiotics. There are several reasons for this.

Overuse of common antibiotics has made our bodies resistant to their beneficial effects. As we develop stronger antibiotics to fight pathogens, bacteria continue to evolve and stay a step ahead of us.

Some infections become difficult to cure as a biofilm or thin layer of bacteria forms on the tissue. This makes it harder to treat them, especially the severe forms with current medications.

Manuka honey is now seen as a proactive ingredient that can work around this seemingly life-threatening and unsolvable problem.



While the idea of using honey to treat hard-to-beat infections may sound far-fetched, the science is right on this one.

INTERACTIONS BETWEEN HONEY AND CONVENTIONAL ANTIBIOTICS

By understanding how manuka honey affects antimicrobial action, we can understand how honey works on eliminating bacterial pathogens.

While honey has been used as a natural antibiotic on its own, recent studies recommend the use of honey along with conventional antibiotics. Doctors do this by using honey as a topical application while delivering other medicines through the bloodstream.

The resulting drug synergy increases the potency of therapeutically approved manuka honey and conventional antibiotics.

In vitro studies, the presence of honey not only made the bacterial strains susceptible but prevented the germs from developing resistance to certain antibiotics such as rifampicin. This drug is commonly used to treat superficial staphylococcal infections. As MRSA strains quickly develop resistance to it when used alone, the antibiotic is often combined with other drugs.

Manuka honey and certain antibiotics when combined together augment the treatment of stronger and more resistant infections.



HOW TO USE HONEY AS A NATURAL ANTIBIOTIC

Regular honey works well as an antibiotic as it contains hydrogen peroxide. Bees produced this compound with one of their enzymes. Manuka contains another, special compound – methylglyoxal.

A study conducted in [2018](#) confirmed that MGO is another tough-acting ingredient that is active against the hardest microbe.

Armed with the two germ-fighting agents, manuka works on stronger strains of bacteria. Bacterial species including the ones that cause Staph and Strep are vulnerable to this honey.

Clostridium difficile is a difficult-to-treat pathogen that develops in hospital settings. The germ which causes diarrhea and colon inflammation was found to be equally susceptible to manuka therapy. The infection is first disinfected. When moisture-

loving pathogens encounter manuka, they slowly die out. Further fresh bacteria are prevented from replacing the dead ones.

This allows even chronic infections to heal provided you buy honey with better potency and more MGO (anything above 1443+).

Always consider the Unique Manuka Factor or UMF value. The higher the number (15 and above), the better and faster is the antioxidant ability exhibited by your honey.

We recommend our highest grade [Manuka Honey 2000+](#) to beat infections that remain immune to other types of antibiotic treatment.

Stock up on raw and untreated manuka to treat various skin conditions from a mild outbreak of acne to tougher staph infections.

MEDICINAL MANUKA HONEY - MGO GRADES EXPLAINED

Premium medicinal Manuka honey is defined as high-grade MGO Manuka honey that is scientifically tested for its curative compounds such as antioxidants, bioflavonoids and immune boosting enzymes.



This honey presents higher levels of MGO (Methylglyoxal) when compared to table-grade Manuka honey and is

naturally bio-active with anti-bacterial, antimicrobial, antiseptic, and anti-inflammatory properties for the holistic prevention and treatment of various health ailments.

Commonly known uses include: burns, wounds, infection, oral care, ulcers, gut health, cold & flu, sore throat, cough, immunity building, general wellbeing, and beauty and skincare.

The higher the MGO number of the Manuka Honey, the stronger its antimicrobial bioactivity levels and the more potent the natural medicinal benefits.

The MGO levels of Biosota's high strength medicinal Manuka honey ranges are regularly tested and verified authentic by independent accredited laboratories both in Australia and New Zealand.

ANTIBACTERIAL BIOACTIVITY & SUGGESTED USAGE

THIS CHART DISPLAYS THE SUGGESTED MEDICINAL USAGE FOR VARYING GRADES OF MANUKA HONEY. THE HIGHER THE MGO RATING, THE STRONGER AND MORE POTENT THE MANUKA HONEY AND ITS USES.

RANGE STRENGTH	MGO	NPA/ULF	SUGGESTED USE
THE ULTIMATE STRENGTH MGO 2100+ (LIMITED EDITION)	2100+	36+	MEDICAL GRADE USE
	1717+	31+	
SUPERIOR STRENGTH MGO 1000+ TO 1900+ (RARE)	1443+	28+	MEDICAL GRADE USE
	1200+	25+	
HIGH MEDICINAL STRENGTH MGO 500+ TO 990+	880+	20+	THERAPEUTIC GRADE USE
	550+	15+	
MEDICINAL STRENGTH MGO 300+ TO 490+ (MINIMAL BIOACTIVITY REQUIRED FOR MEDICINAL USE)	400+	12+	THERAPEUTIC GRADE USE
	300+	11+	
EVERYDAY STRENGTH MGO 30+ TO 290+	260+	10+	TABLE GRADE USE
	150+	5+	
	30+	2+	

- BURNS
- WOUNDS
- ULCERS
- INFECTIONS
- GUT HEALTH
- ORAL CARE
- COLDS & FLU
- SORE THROATS
- COUGHS
- WELLBEING
- IMMUNITY
- SKINCARE

Statements made have not been evaluated by the TGA (Australian Therapeutic Goods Administration) or FDA (US Food & Drug Administration). Products sold are not intended to diagnose, treat, cure, or prevent any disease.

HOW TO USE AND APPLY MEDICINAL MANUKA HONEY

Medicinal Manuka honey usage and dosage suggestions made are based on our own direct experience, from feedback received and collated from real customers, and from the latest published scientific journals and research papers.

Dosage and individual results may vary. Please consult your healthcare provider before beginning any treatment and if symptoms persist.

i (Allergy advice: honey should not be consumed by children under the age of 1 and people with allergies to honey and bee products).

FOR ANTIBIOTIC RESISTANCE & PROBIOTIC USE

[Try Superior Strength Medicinal Manuka Honey Range - MGO 1000+ to 1900+](#)

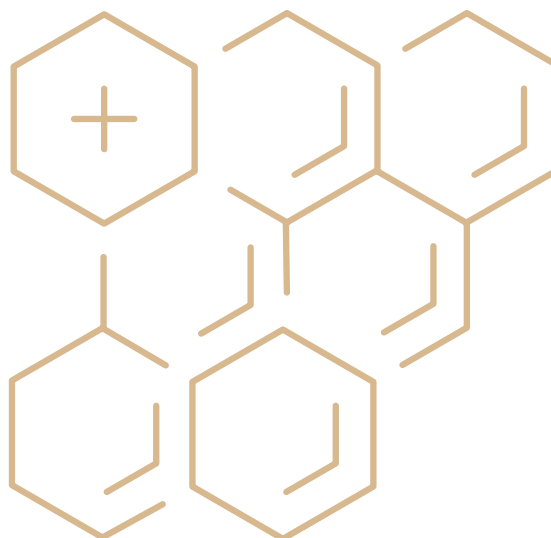
For topical application, liberally apply a superior grade medicinal Manuka honey directly to the affected areas. Cover with a clean and sterile dressing: bandage, gauze, or compress. Leave overnight and change the dressing when saturated, or as needed.

While Manuka honey active at lower levels may prove effective for sore throats and bacterial coughs, as it passes lower down the digestive tract, MGO levels need to be of a much higher grade in order to withstand the damaging effects of stomach acid.

After completing any prescribed course of antibiotics, take one to two teaspoons of high strength medicinal Manuka honey once or twice a day to rebuild probiotic gut levels, immunity, and to restore greater health.

At Biosota Organics, our passion lies in the natural healing power of Manuka honey.

Our premium Australian Manuka Honey is cultivated by nature with a whole lot of science and love as our secret ingredients.





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