Lozaty
Manuka



KIA ORA

The Hidden Legacy of New Zealand

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- **Lozaty® Manuka** are derived from Manuka flower nectar, which is known for their antibacterial anti-inflammatory, and immune-boosting properties.[1,2,3,4]
- Their unique exceptional effectiveness is driven by bioactive compounds, mainly **Methylglyoxal (MGO),** along with many other natural phenolic antioxidants and flavonoids.[1,2,3,4]
- Unlike conventional honey, MGO provides a stable, non-peroxide antibacterial activity, making it more effective than regular honey, which relies on Hydrogen peroxide (which is less stable and can be degraded by heat, light, and enzymatic activity).[1,2,3,4]

Lyophilization ... Lozenges Exceptional Technology

- To preserve its sensitive bioactive components, **Lozaty® Manuka** are produced using advanced freeze-drying technology under low temperature and vacuum conditions (Lyophilization).
- Lyophilization maintains the stability of MGO, enzymes, and antioxidants, while removing water content resulting in a more concentrated, stable, and long-lasting formulation with enhanced effectiveness.



Lozaty® Manuka support throat conditions such as pharyngitis and tonsillitis through multiple mechanisms:[1,2,3,4]

- ✓ **Antibacterial** (including S. pyogenes)
- ✓ **Antiviral** (including Rhinovirus and influenza virus)
- ✓ **Anti-inflammatory**
- ✓ **Soothing protective coating for irritated throat**
- ✓ **Demulcent: reduce cough frequency**

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- Manuka honey exhibits synergistic effects with various antibiotics, significantly enhancing their ability to kill drug-resistant bacteria, including MRSA, E. coli, and P. aeruginosa, By disrupting bacterial biofilms and reducing minimum inhibitory concentrations (MIC).[1,3,4]
- Manuka honey acts synergistically with various antibiotics, effectively increasing their potency and reducing the amount of antibiotic required to inhibit bacteria often by a factor of **2- 4 X fold.**[1,3,4]
- Manuka honey, when used alongside conventional antiviral drugs such as zanamivir or oseltamivir, can increase their efficacy against the influenza virus by up to **100X.** [2,5]

Lozaty® Manuka... Prolonged effectiveness

- **The effectiveness of Manuka honey** depends on direct sustained contact with affected tissues. **Lozaty® Manuka** dissolve slowly (5–10 minutes), allowing prolonged exposure to the throat and tonsils delivering longer-lasting local action compared to raw Manuka honey, which is swallowed quickly.

Lozaty® Manuka.. Optimized Dosing

- For sustained protection, **Lozaty® Manuka** is best used in divided doses throughout the day **(e.g., 2-3 lozenges of MGO 83+)** This approach provides:



- ✓ **Repeated throat coating**
- ✓ **Longer cumulative contact time**
- ✓ **Continuous antimicrobial support Better tolerance vs. a single high-dose lozenge**

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MGO 83+

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Lozaty® Manuka is crafted from 100% natural ingredients, derived from authentic New Zealand Manuka honey, free from added colorants or flavoring agents.

Lozaty® Manuka
Coffee



Lozaty® Manuka
Moringa



Lozaty® Manuka
Blackcurrant



Lozaty® Manuka
Ginger



Dosage: take 1 – 3 lozenges daily.

References:
1- Research and Reports in Biology 2015 (6): 216-224
2- Heliyon. 2020 Dec 21;6(12): 1-8
3- AIMS Microbiology, 4(4): 655–664
4- Asian Pac J Trop Biomed 2011 (2): 154-160
5 -Arch Med Res 2014(45): 359-365

A+Q | Lozaty

Made in New Zealand, for A PLUS Q LTD, Manchester, UK, www.lozaty.com