

Unique Proprietary Material Highlight:

MBc Herbal Honey



Key indications:

- ✓ Antibacterial
- ✓ Antioxidant
- ✓ Anti-irritant (soothing)

- ✓ Our honey is produced from bee colonies at our own Research Parks, located in Gippsland, Victoria
- ✓ The bees forage from our extensive collection of thousands of all-year-round flowering, medicinal herb varieties, which have been chosen for their valuable skin healing profiles.
- ✓ Examples include Salvias (sage varieties), Lavender, Rosemary, Thyme, Calendula, Agastache, and many more.

Our polyfloral honey is produced using sustainable principles, exclusively at the Max Biocare Research Park in Vinnar, Gippsland

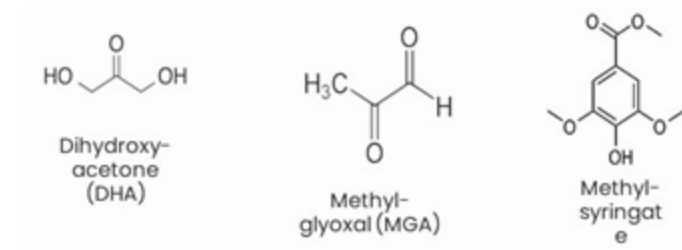


Unique Proprietary Material Highlight:

MBc Herbal Honey

Validated antioxidant and bioactive profile

Substances / parameters	Properties	unit	level
Total			
Total antimicrobial capacity	Antibacterial, antifungal	%	19
Oxygen radical absorption capacity (ORAC)	Free radical scavenging, antiaging, antioxidant activity	μmol TE/kg	2319
Total plant and flower derived polyphenols	Antioxidant, antiaging	mg GAE/kg	126
Specific			
Methylglyoxal (MGO)	Antimicrobial	mg/kg	21
Dihydroxyacetone (DHA)	Antimicrobial	mg/kg	30
Hydroxymethylfurfural (HMF)	Prebiotic, anti-allergic	mg/kg	11
Methyl syringate	Antioxidant, antimicrobial, antiinflammation, anti-cancer, and anti-diabetic, tyrosinase	mg/kg	3.9
DL-3-Phenyllactic acid	Antimicrobial, antibiofilm	mg/kg	21



- ✓ Our honey has been validated for antioxidant capacity, polyphenol content and antimicrobial capacity
- ✓ Its antioxidant level is almost **twice** that of commercial honey (Carlsen, 2010).
- ✓ This unique profile supports **promotion of skin healing and relief of irritation**
- ✓ Honey has been used medicinally to **accelerate skin healing and relieve soreness**



*<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2841576/>



References:

- NM Raw Honey Analysis Report RN1397185, 20230608, p1-9.
- ARL Raw Honey Analysis Report A231497 ARL2305147, 2023/07
- Carlsen et al. Nutrition Journal 2010, 9:3
- Burlando & Cornara. J Cosmet Dermatol. 2013 Dec;12(4):306-13.
- Barbosa et al. Nutrients. 2024 Jan 5;16(2):185.