



TECHNICAL NOTE

HONEY AND BEE PRODUCT TESTING

Introduction

Hill Laboratories are able to perform a wide range of tests on honey and bee products, including honeycomb, wax and propolis. Using leading edge technology and quality systems, we are able to offer competitive prices, producing results within reasonable time-frames.

Why Test?

If you process, store, sell or export honey or bee products, you are required to have laboratory tests in order to comply with food safety requirements under Acts regulated by the Ministry of Primary Industries (MPI) Food Safety Authority. Refer to their website for further information. www.foodsafety.govt.nz/industry/sectors/honey-bee.

Testing can provide assurance of the purity and quality of the product, and that it is 'true to label'.

What Tests are Available?

3-in-1 Manuka Suite	Combination of MGO, DHA, HMF. NPA can be included if requested at no additional charge
NPA/ UMF® Non-Peroxide Activity	An indicator of the level of anti-bacterial activity in the honey Can be included with the 3-in-1 Manuka Suite if requested at no additional charge. Can be converted to UMF® for members of UMFHA. (UMF® being a trademark of UMFHA)
Tutin	Testing for Tutin in honey is regulated under a standard produced by the Ministry of Primary Industries (MPI). Tutin may be present in honey that has been produced where tutu plants are established are present.
C4 Sugar AOAC	Used to identify if honey has been adulterated by the addition of sugar.
C4 Sugar Screening	The screening C4 sugar method is a cost effective and timely analysis to screen for possible honey adulteration. This method should not be used for exporting. The method is a modification of the standard method AOAC 998.12.
Leptosperin	Leptosperin is a recently isolated natural product in Manuka (Leptospermum scoparium) honey and has been proposed as a chemical marker.
Other tests available If the test you require is not listed, please contact one of our Client Services Managers, details listed below	<ul style="list-style-type: none"> • Micro tests (APC and Yeasts & Moulds) • Dimethylaniline (DMA)- metabolite of Amitraz • Multi-residues • Heavy Metals • pDCB Para – Dichlorobenzene • pDCB + Naphthalene • Flumethrin, Fluvalinate & Coumaphos

Contacts

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- **Order sampling kits and other sampling supplies via our website**
www.hill-laboratories.com/page/pageid/2145845748