

Fewsters Farm Honey
P O Box 30
Muchea
WESTERN AUSTRALIA 6501
Australia

Attention: Kim Fewster

Project **13NZHL0021842**
Submission No. INV3003

Determination of Honey Activity 25%. (The University of Waikato, Honey

Sample Identification	Assay Method.)	Total activity
		% Phenol
3312940 Sample 13/1		38.1

Test Description

Determination of Honey Activity The method is as described in Allen, Molan & Reid (1991) Journal of Pharmacy and Pharmacology 43 (12) 817-822.

Report Results Detail

Date Dispatched: 08/03/13
Date Received: 21/03/13
Collected by: Customer
Sample Type: Honey
Date Tested: 21/03/13

Sample Integrity

Samples received intact: Yes

Overseas Sample Comments

NZLABS Hamilton Transitional Facility #: 843
NZLABS Hamilton Import Permit #: 2012047054
Standard Reference number: 154.02.17 (Standard - Transitional Facilities for Biological Products)
Imported samples comment: Samples were imported to NZLABS Hamilton (A Transitional Facility) and a MAF Biosecurity Authority/Clearance Certificate Received.
MAF Biosecurity authority (BACC#): M2013/9902
Country of Origin (Parcel): Australia
Delivered by: Australia Post and New Zealand Post
Parcel inspected (MAF): Yes
Parcel inspected comment: Parcel has been inspected by MAF Biosecurity New Zealand

Test Procedure:

The activity is measured using *Staphylococcus aureus* NZRM 87 (ATCC 9144) and expressed as the equivalent % phenol.

Two types of activity are measured:

Total Activity: all the activity, including activity due to hydrogen peroxide (H₂O₂).

Non-Peroxide Activity: H₂O₂ is removed by treating honey with enzyme.

The results are based on an assumed density of 1.35 g/mL for this sample of honey. This value represents an average density of Manuka honey samples obtained from the results of multiple experiments. Determination of a true activity based on the actual density is not routinely done, but it could be performed by the laboratory as an additional test if requested by the client.

Authorised By

Juanita Morgan

Senior Laboratory Technician



Final Report

* Indicates IANZ accreditation does not cover the performance of this service
- Indicates Not Requested

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The samples were not collected by Laboratory staff.

