



# Hill Laboratories

TRIED, TESTED AND TRUSTED

## ANALYSIS REQUEST

R J Hill Laboratories Limited  
28 Duke Street, Hamilton 3204  
Private Bag 3205  
Hamilton 3240, New Zealand

Office use only  
(Job No)

T 0508 HILL LAB (44 555 22)  
T +64 7 858 2000  
E mail@hill-labs.co.nz  
W www.hill-laboratories.com

Quote No

Primary Contact

Submitted By

Client Name

Address

Postcode

Phone

Mobile

Email

Charge To

Client Reference

Order No

Apiculture NZ Membership Number

Results To Reports will be emailed to Primary Contact by default.  
Additional Reports will be sent as specified below.

- Email Primary Contact     Email Submitter     Email Client  
 Email Other

## CHAIN OF CUSTODY RECORD

Sent to

Hill Laboratories

Date & Time:

Name:

- Tick if you require COC  
to be emailed back

Signature:

Received at

Hill Laboratories

Date & Time:

Name:

Signature:

Condition

- Room Temp     Chilled     Frozen

Temp:

- Sample and Analysis details checked

Signature:

Priority

- Normal     High

- Urgent (ASAP, extra charge applies, please contact lab first)

Dates of testing are not routinely included in the Certificates of Analysis.  
Please inform the Laboratory if you would like this information reported.

## ADDITIONAL INFORMATION

## HONEY TESTING FOR APICULTURE NEW ZEALAND INC. MEMBERS

Sample No:	Sample Name	3-in-1 + Manuka 5 + C4 Screen	MPI Manuka 5 Attributes	Manuka Chem only	Manuka DNA only	Honey 3-in-1	Leptosperin	Include Honey Forecasting Model	C4 Sugar Screen	C4 Sugar (AOAC Method)	Tutin Individual	Tutin Composite	Moisture	Colour	Moisture Brix Colour & Conductivity	Pollen Counts	Diastase	Multiresidue Suite (MR1)	Multiresidue Suite (MR2)	Multiresidue Suite (MR3)	Glyphosate	Heavy Metals	American Foulbrood	APC	Yeasts and Moulds	Osmophilic Yeast	Other Tests (please specify)		
1																													
2																													
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													

## TEST NOTES:

<b>3-in-1 + Manuka 5 + C4 Screen</b>	Methylglyoxal (MGO), Dihydroxyacetone (DHA), 5-hydroxymethylfurfural (HMF), 3-Phenyllactic acid (3PA), 4-Hydroxyphenyllactic acid (4HPA), 2-Methoxybenzoic acid (2MBA), 2-Methoxyacetaphenone (2MAP), DNA (Cq) and C4 Screen.	HoneyCombo
<b>MPI Manuka 5 Attributes</b>	3-Phenyllactic acid (3PA), 4-Hydroxyphenyllactic acid (4HPA), 2-Methoxybenzoic acid (2MBA), 2-Methoxyacetaphenone (2MAP) and DNA (Cq).	Manuka5_RLP
<b>Manuka Chem only</b>	3-Phenyllactic acid (3PA), 4-Hydroxyphenyllactic acid (4HPA), 2-Methoxybenzoic acid (2MBA) and 2-Methoxyacetaphenone (2MAP).	ManukaChem_RLP
<b>Honey 3-in-1</b>	Methylglyoxal (MGO), Dihydroxyacetone (DHA) and 5-hydroxymethylfurfural (HMF)	Honey3in1
<b>Leptosperin</b>	Leptosperin is required (along with 3 in 1 Honey Suite) for a UMF Release Certificate.	Leptosp_LEP
<b>C4 Sugar Screen</b>	Screen method not suitable for export purposes.	C4Screen
<b>C4 Sugar (AOAC Method)</b>	AOAC method suitable for export purposes.	C4
<b>Tutin Individual</b>	Tick the box for every sample that requires a Tutin analysis. NB: Please advise if the sample is drippings from cut comb honey – MPI criteria for Tutin testing apply.	Tutin_RLP
<b>Tutin Composite</b>	Composite samples must be clearly marked. Use brackets to indicate composite groups and tick the Tutin box once per group. Up to 10 samples can be included in one composite sample.	TutinComp_RLP
<b>Moisture</b>	Moisture content.	MoiHoney_RLP
<b>Colour</b>	Analysis subcontracted to Analytica Laboratories.	Colour_subAnalytica
<b>Moisture, Brix, Colour &amp; Conductivity</b>	Analysis subcontracted to Analytica Laboratories.	CCBM_subAnalytica
<b>Pollen Counts</b>	Pollen count and identification. Analysis subcontracted to Massey University.	Honeypollen_subMU
<b>Diastase</b>	Diastase Activity expressed as the diastase number equivalent to Schade units.	HoneyDiastase
<b>Multiresidue Suite (MR1)</b>	230+ Pesticide residues analysed by GC-MS/MS and LC-MS/MS.	MR1
<b>Multiresidue Suite (MR2)</b>	60+ Pesticide residues analysed by LC-MS/MS.	MR2
<b>Multiresidue Suite (MR3)</b>	290+ Pesticide residues analysed by GC-MS/MS and LC-MS/MS. Includes all compounds in the MR1 and MR2 suites.	MR3
<b>Glyphosate</b>	Glyphosate, AMPA and Glufosinate.	Glyphosate
<b>Heavy Metals</b>	Antimony, Arsenic, Bismuth, Cadmium, Copper, Lead, Mercury, Silver and Tin.	HMSuiteLowAs
<b>American Foulbrood</b>	Detection of <i>Paenibacillus</i> larvae, causative agent of American foulbrood (AFB).	AFBihp_RLP
<b>APC</b>	Aerobic Plate Count - Indicates levels of general bacterial loading. Automated MPN count on Tempo AC, incubated at 35°C for 22-28 hours.	AC35TempoH
<b>Yeasts and Moulds</b>	Indicates levels of general fungal loading. Automated count on Tempo YM, Incubated at 25°C for 72-76 hours.	YMTempoH
<b>Osmophilic Yeast</b>	Count on: MY40G agar, Incubated at 30°C for 5 days.	YeastOsmoMY40

Note: All tests may not be available for all sample types. Please contact a Food and Bioanalytical Client Services Manager for further information.