

## Laboratory Test Report

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Laboratory Reference: 142842  
Submitted by: Max  
Date Received: 4-Dec-14  
Date Completed: 5-Nov-14  
Order No. / Ref: 141201  
Report Status: Final

### Sample Submission Summary

Sample Type	Number	Condition on Arrival
Honey	1	Acceptable

### Results Summary

Laboratory ID	Sample ID	DHA (Dihydroxyacetone) mg/kg	MG (Methylglyoxal) mg/kg	NPA <sup>1</sup> (phenol equivalent) %w/v	HMF (Hydroxymethylfurfural) mg/kg
142842_001	Manuka Honey 141201 10+	765	356	12.0	15.9

Note 1: NPA number calculated from the UMFHA website using the conversion calculation from Methylglyoxal to NPA. This conversion to NPA is outside the IANZ accreditation scope.

### Method Summary

Samples were analysed as received by the Laboratory using the 3-in-1 honey method, which involves aqueous extraction, derivatisation, and analysis by UPLC with diode array detection.

	DHA (mg/kg)	MG (mg/kg)	NPA (%w/v)	HMF (mg/kg)
Reporting Limits =	10	4.0	0.8	1

Analyst Comments: None



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