



Laboratory Test Report

Nelson Honey & Marketing (NZ) Ltd
276 State Highway 6, RD 2, Motupiko
Nelson
Attention: Terena Roeske
Phone: 03 522 4413
Email: terena@nelsonhoney.com

Laboratory Reference: 15-12896
Submitted by:
Date Received: 1/10/2015
Date Completed: 2/10/2015
Order Number:
Reference:

Results Summary

Unless specified otherwise, all samples arrived in acceptable condition.

Laboratory ID	Sample ID	DHA Dihydroxyacetone mg/kg	MG Methylglyoxal mg/kg	NPA* phenol equivalent %w/v	HMF Hydroxymethylfurfural mg/kg
15-12896-1	180915MH	420	121	6.3	12
15-12896-2	280915MH	470	111	6.0	23

*These results are outside the IANZ accreditation scope of the laboratory.

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. NPA is calculated from Methylglyoxal using the conversion calculation supplied by UMFHA.

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

Analyst Comments:

Jinny Han, M.Sc.
Technologist
Analytica Laboratories Ltd.



All tests reported herein have been performed in accordance with the laboratory's scope of accreditation, with the exception of tests marked *, which are not accredited.