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Certificate of Analysis（分析証明書）

[redacted]

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注文番号	N/A
備考	N/A

※個人情報のためモザイクをかけています

Report Comments（レポートコメント）

全ての分析されたサンプルは御社（または御社の代理店）で収穫されアナリティカラボラトリーは受け取りました。受諾したサンプルの状態は受け取った時点で全て良好でした。

分析結果

3in1

ラボラトリーID Laboratory ID	サンプルID Sample ID	ジヒドロキシアセトン(DHA) Dihydroxyacetone (DHA)	メチルグリオキサール(MGO) Methylglyoxal (MG)	非過酸化物活性 Non-Peroxide Activity* (NPA)	ヒドロキシメチルフルフラール(HMF) Hydroxymethylfurfural (HMF)
単位 *Units* 報告すべき閾値 *Reporting Limit*		mg/kg 40	mg/kg 8	%w/v phenol eq. 1.3	mg/kg 1
20-16130-1	M0801	561	221	9.0	13

3in1 Approver:

Jacob Jaine, Ph.D.
R&D Scientist

Method Summary

3in1

Determination of Dihydroxyacetone (DHA), Methylglyoxal (MG) and Hydroxymethylfurfural (HMF) by aqueous extraction, derivatisation, and UPLC analysis in accordance with in-house procedures.

NPA

Non-Peroxide Activity (NPA) values are not directly measured by the laboratory, but are calculated from the measured methylglyoxal concentration in the honey according to the requirements of the client. The calculation is based on published data(†) comparing the NPA and methylglyoxal concentration measured in a range of honey samples. These calculated values are not accredited by IANZ and do not imply that the honey is or is not manuka honey.
NPA values less than 5 are an estimate based on extrapolation of the relationship between methylglyoxal and NPA

(†) Isolation by HPLC and characterisation of the bioactive fraction of New Zealand manuka (Leptospermum scoparium) honey. C. J. Adams, et al. Carbohydrate Research 343 (2008) 651-659. And, Corrigendum to "Isolation by HPLC and characterization of the bioactive fraction of New Zealand manuka (Leptospermum scoparium) honey" [Carbohydr. Res. 343 (2008) 651], Carbohydrate Research 344 (2009) 2609. C. J. Adams, et al.

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