



ANALYSIS REPORT

Client:	Nestlé Ltd	Lab No:	1363577	3CHGPV2
Contact:	Food Safety & Quality Assurance Limited	Date Registered:	11-Dec-2014	
		Date Reported:	21-Oct-2015	
		Quote No:	42733	
		Order No:		
		Client Reference:		
		Submitted By:		

Analysis Results

Sample Name:	Lab Number	Dihydroxyacetone mg/kg	5-hydroxymethylfurfural (HMF) mg/kg	Methylglyoxal mg/kg
NB 11674	1363577.36	92	61	76

Analysis Results

Sample Name:	Lab Number	NPA (Non Peroxide Activity) % Phenol Equivalent		
NB 11674	1363577.36	5.1	-	-

Analyst's Comments

Supplementary Report: This report is a supplement to an earlier report issued on the D15-Dec-2014. At the customer's request, a separate report has been issued for sample 11674.

SUMMARY OF METHODS

The following table(s) gives a brief description of the methods used to conduct the analyses for this job. The detection limits given below are those attainable in a relatively clean matrix. Detection limits may be higher for individual samples should insufficient sample be available, or if the matrix requires that dilutions be performed during analysis.

Test	Method Description	Default Detection Limit	Sample No
3-in-1 Honey Analysis	Water extraction, derivatisation, UPLC-UV analysis (dihydroxyacetone, 5-hydroxymethylfurfural, methylglyoxal). Analysis performed at Hill Laboratories - Food & Bioanalytical Division, Waikato Innovation Park, Ruakura Lane, Hamilton.	1.0 - 10 mg/kg	36
NPA (Non Peroxide Activity)	Non Peroxide Activity (NPA) is calculated using a correlation curve provided by the UMF Honey Association, relating NPA to the primary active ingredient, methylglyoxal. For details on NPA, refer to Journal of Pharmacy and Pharmacology (1991), vol. 43, p. 817. Analysis performed at Hill Laboratories - Food & Bioanalytical Division, Waikato Innovation Park, Ruakura Lane, Hamilton.	5.0 % Phenol Equivalent	36

These samples were collected by yourselves (or your agent) and analysed as received at the laboratory.

Samples are held at the laboratory after reporting for a length of time depending on the preservation used and the stability of the analytes being tested. Once the storage period is completed the samples are discarded unless otherwise advised by the client.

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