



Certificate of Analysis

Elixir Honey
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Lab Reference: 18-18694
 Submitted by:
 Date Received: 22/05/2018
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 Order Number: 2018-9
 Reference:

Report Comments

Samples were collected by yourselves (or your agent) and analysed as received at Analytica Laboratories. Samples were in acceptable condition unless otherwise noted on this report.
 The original report (with accreditation, where applicable) can be provided on request.

Results Summary

Microbiology

Laboratory ID	Sample ID	Total Activity
	<i>Units Reporting Limit</i>	% phenol eq. 9
18-18694-1	JHSK1859A	47.1
18-18694-2	JHSK1859B	49.5

Microbiology Approver:

Michael Hutcheson, B.Sc.
 Senior Technologist

Method Summary

Total Activity

Determination of Total Antimicrobial Activity in Honey: Samples were analysed as received by the laboratory by using University of Waikato agar well diffusion method for the assay of antibacterial activity of honey (Allen K. L., Molan P. C. and Reid G. M. (1991) Journal of Pharmacy and Pharmacology V. 43, P. 817-822)

The method specifically measures total antibacterial activity of honey against *Staphylococcus aureus* ATCC 9144 and expressed as the equivalent % of phenol. Calibration is carried out using phenol standards.

The calculations are based on assumed density of 1.35 g/mL for this sample of honey. This value represents an average density of honey obtained from multiple experiments.

Testing was subcontracted out to CAIQTEST (Pacific) Ltd.