

Laboratory Test Report

Elixir Honey

Laboratory Reference CAIQTP-17-0160

82 Mt Lindesay Rd, Scotsdale, Denmark, WA6333, AU

Submitted by: Romy Surtees

Date Received: 18-Apr-17

Date Completed: 27-Apr-17

Order No. :

Attention: Romy Surtees

Reference: Romy Surtees

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Report Status: Final

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Results Summary

Unless specified otherwise, all samples arrived in acceptable condition.

Results relate to samples as received

Laboratory ID	Sample ID	Total Activity*	Comments
CAIQTP-17-0160-1	Elixir Sample A	18.8	
CAIQTP-17-0160-2	Elixir Sample B	21.3	
CAIQTP-17-0160-3	Elixir Sample C	15.7	
CAIQTP-17-0160-4	Elixir Sample D	36.7	
CAIQTP-17-0160-5	Elixir Sample E	12.9	

Method Summary

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.

The Limit of Quantitation (LOQ) is 9.

Analyst Comments:

Oksana Chernysheva, PhD
 Laboratory Manager
 CAIQTEST Pacific

