

## HONEY ANALYSIS REPORT

Page 1 of 1

Client: Biosota Organics Date Processed: 19/03/2020  
Contact: Andrey & Oxana Zubko Analyst: Chau Tran  
27/4-6 Hamley Rd Georgia Moore  
MOUNT KURING-GAI For: Linda Pappalardo  
NSW 2080 Dr P Brooks  
Phone: 0409 837 773 0428 696 205  
Email: [andrey.zubko@biosota.com](mailto:andrey.zubko@biosota.com)  
[oxana@biosota.com](mailto:oxana@biosota.com)

Sample Type: Honey

Ref. Number	DHA (ppm)	HMF (ppm)	MGO (ppm)	NPA*
<b>BN:208741/224281</b>	2966	42	<b>1769</b>	31.6
<b>BN:224282</b>	1787	39	<b>854</b>	20.4

## Summary of Methods

On arrival, honey samples were stored at room temperature until analysed.  
Samples were derivatised with  
O-2,3,4,5,6-(pentafluorobenzyl)hydroxylamine HCl.  
DHA, HMF and MGO were analysed against Anisole by HPLC with 263nm detection,  
as per the procedures of  
Pappalardo et al. Plos One. 2016 Nov 18:11.

\*Equivalent NPA was estimated from MGO data.

Dr Peter Brooks,  
Senior Lecturer in Chemistry  
University of the Sunshine Coast  
Maroochydore DC 4558  
Queensland  
AUSTRALIA  
ph: 07 54302828  
email: [pbrooks@usc.edu.au](mailto:pbrooks@usc.edu.au)