

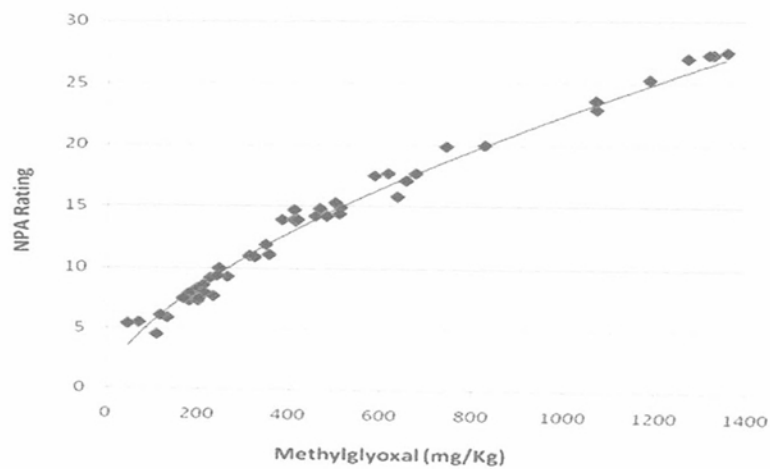
On arrival, honey samples were stored at room temperature until analysed.

Hydroxyacetone standard was added to the samples, followed by derivatisation with O-2,3,4,5,6-(pentafluorobenzyl)hydroxylamine HCl. DHA, HMF and MGO were analysed against hydroxyacetone by HPLC with 263nm detection, as per the procedures of Windsor et al. (2012) Journal of Phytotherapy and Pharmacognosy, vol pp 6-11.

\*Equivalent NPA was estimated from MGO based on data from New Zealand research

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**MGO to NPA conversion, from New Zealand honey data**



HONEY ANALYSIS REPORT

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Sample Type: Honey

Batch No.	DHA (ppm)	HMF (ppm)	MGO (ppm)	NPA*
1	420	6	124	6.4
4	72	7	27	2.5
19	688	8	146	7.0
21	212	7	43	3.4
31	412	7	106	5.8
52	437	7	103	5.7
72	240	9	89	5.2
76	682	9	154	7.2
84	282	8	75	4.7
85	306	11	112	6.0
112	261	11	96	5.5
113	175	8	68	4.4
148	426	6	118	6.2
XXX 149	189	11	86	5.1 XXX
157	80	11	27	2.6
165	164	9	60	4.1
321	267	7	69	4.5
501	1277	7	275	10.3
786	240	10	86	5.1
888	316	8	87	5.1
1045	439	9	112	6.0
1080	410	12	106	5.8
1100	323	10	102	5.7
1716	518	4	112	6.0
1816	527	3	115	6.1
HOME	46	6	19	2.1