



HONEY ANALYSIS REPORT

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For: Dr A Boufridi
Dr P Brooks

Report 2025 #03

Sample Type: Honey

Ref. Number	DHA (ppm)	HMF (ppm)	MGO (ppm)	NPA*
A99	995	281	2337	37.4
A88-6	515	186	714	18.3
A87-5	655	138	900	21.0
A96-1	832	115	1268	25.8
A92-7	962	107	1715	31.0
A93-5	1086	102	1846	32.4
A85-4	1281	90	2147	35.5

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 based on research data

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