

SUPPLEMENTARY INFORMATION (RELATED TO PCA FIGURES 1 & 2)

Table 1: Loading values of Principal Component Analysis (PCA) for the two main components (PC1 and PC2) of the fingerprint region (450cm⁻¹ to 1000cm⁻¹) in all the honey samples [illustrated in Fig. 2].

Honey samples	PC1	PC2
Manuka1	8.562	27.226
Manuka2	-8.519	21.801
ApisP1	-1.711	14.667
ApisP2	-28.683	16.117
SBHP1	17.313	7.597
SBHP2	24.471	7.192
SBHP3	-16.014	-1.029
SBHP4	-11.067	-0.816
SBHR1	0.372	-12.296
SBHR2	-12.696	-8.933
SBHR3	19.608	-16.352
SBHR4	-16.162	-6.836
SBHR5	-12.075	-8.112
SBHR6	51.584	-5.246
SBHR7	-2.604	-18.548
SBHR8	17.563	9.781
SBHR9	-16.309	-9.510
SBHR10	-21.891	-3.210
SBHR11	-10.056	-6.431
SBHR12	18.314	-7.058

Table 2: Loading values of Principal Component Analysis (PCA) for the two main components (PC1 and PC2) of the transmittance of 1200 to 1350cm⁻¹, 1540cm⁻¹, 1650cm⁻¹, 3300 to 3500cm⁻¹ and total protein content in all the honey samples [illustrated in Fig. 2].

Honey samples	PC1	PC2
Manuka1	1.438	32.718
Manuka2	118.571	44.961
ApisP1	-5.313	17.197
ApisP2	-38.439	41.527
SBHP1	21.343	3.384
SBHP2	26.861	3.059
SBHP3	-30.977	8.391
SBHP4	-25.661	3.802
SBHR1	-17.743	-18.737
SBHR2	-24.457	-4.806
SBHR3	11.908	-35.266
SBHR4	-34.151	4.634
SBHR5	-20.475	-0.0169
SBHR6	84.157	-38.966
SBHR7	-24.424	-19.066
SBHR8	18.815	-6.828
SBHR9	-31.140	-11.322
SBHR10	-33.585	13.723
SBHR11	-13.485	-11.053
SBHR12	16.757	-27.338