

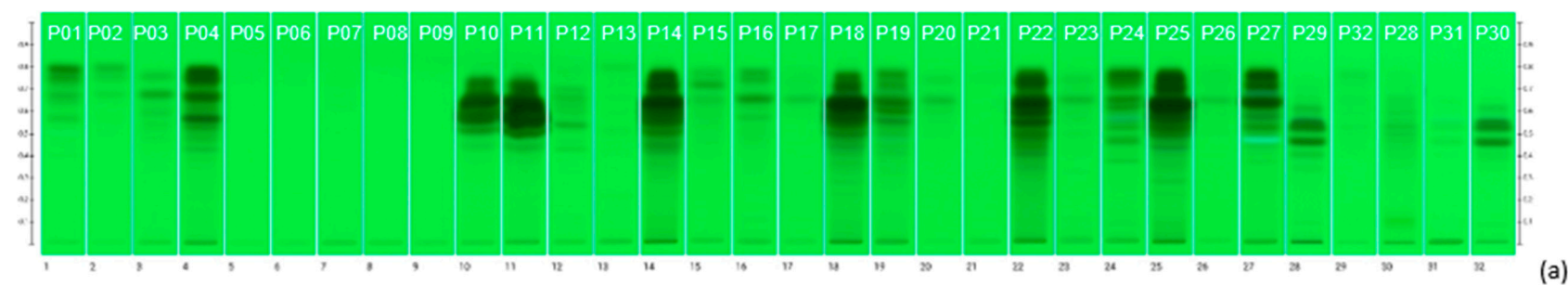
Supplement:

Physicochemical Properties, Antioxidant Activity and Phytochemical Profiling of Propolis Samples from Western Australia

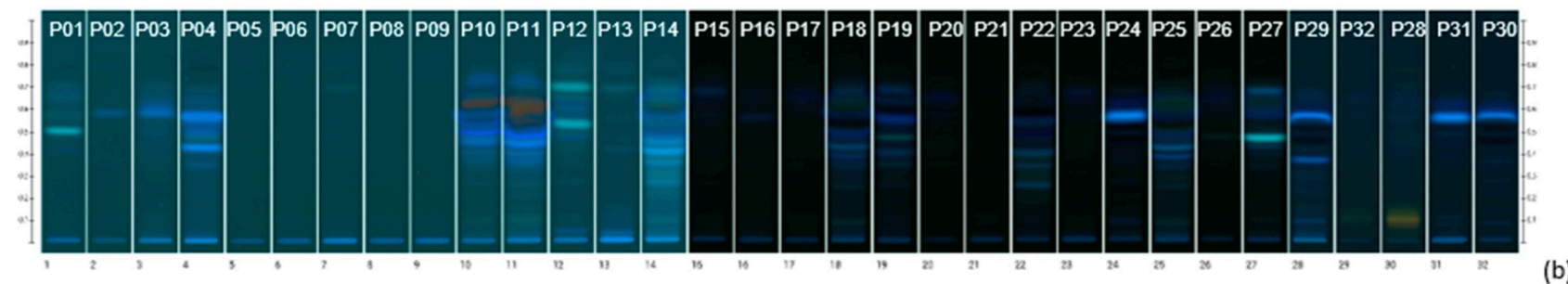
Table Supplement S1. Total phenolic content and antioxidant activity of 32 preliminary Western Australian ethanolic propolis extracts.

TPC (mg GAE/ 100 g raw propolis)									
Samples	P01	P02	P03	P04	P05	P06	P07	P08	P09
Mean	327.1	209.67	299.38	1127.39	212.71	187.1	156.17	222.45	206.57
Samples	P10	P11	P12	P13	P14	P15	P16	P17	P18
Mean	1178.54	1125.32	194.77	286.09	1452.15	550.56	250.24	230.75	2008.96
Samples	P19	P20	P21	P22	P23	P24	P25	P26	P27
Mean	800.71	262.44	243.99	771.06	354.17	790.27	1377.58	502.03	694.75
Samples	P28	P29	P30	P31	P32				
Mean	4863.20	3355.30	3582.67	86.13	4455.62				
FRAP (mmol Fe ²⁺ /kg raw propolis)									
Samples	P01	P02	P03	P04	P05	P06	P07	P08	P09
Mean	23.23	17.00	9.36	97.84	15.99	16.10	12.13	1.21	16.08
Samples	P10	P11	P12	P13	P14	P15	P16	P17	P18
Mean	25.81	75.25	9.42	11.29	66.13	19.09	6.66	5.11	98.97
Sample	P19	P20	P21	P22	P23	P24	P25	P26	P27
Mean	23.97	7.70	4.96	33.89	10.26	29.49	92.13	31.22	39.93
Sample	P28	P29	P30	P31	P32				
Mean	69.71	1174.55	1141.99	32.90	64.49				

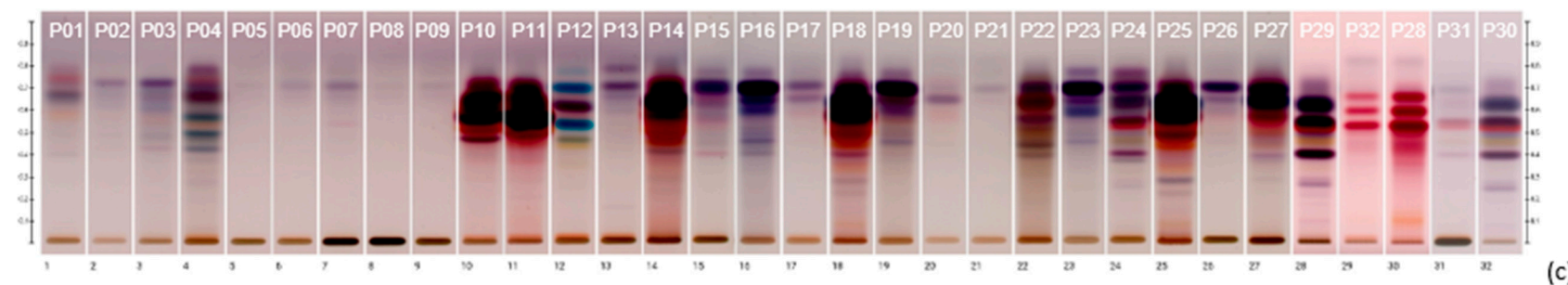
Figure Supplement S1. HPTLC Fingerprints: transmittance at 254 nm (a), 366 nm (b) after development. Transmittance at white light (c) and 366 nm (d) after derivatization with VSA.



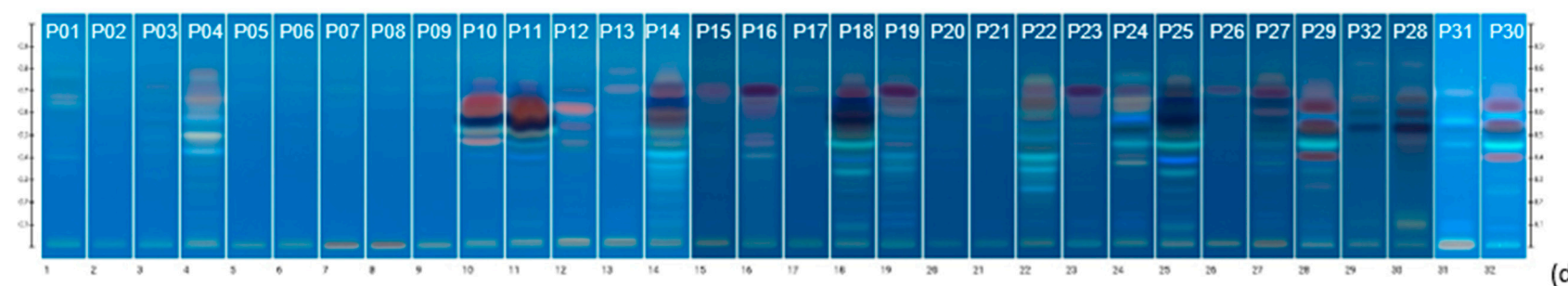
(a)



(b)

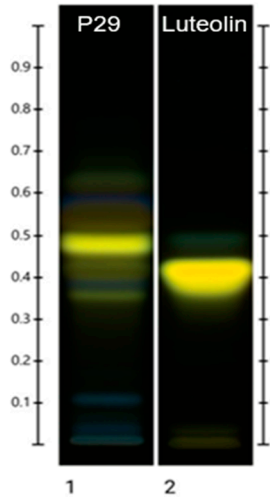
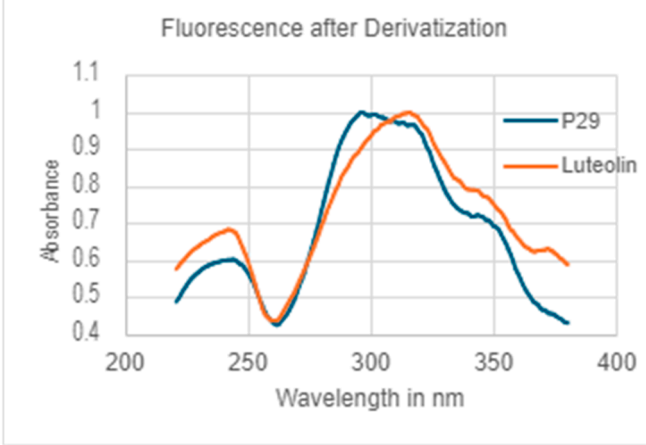
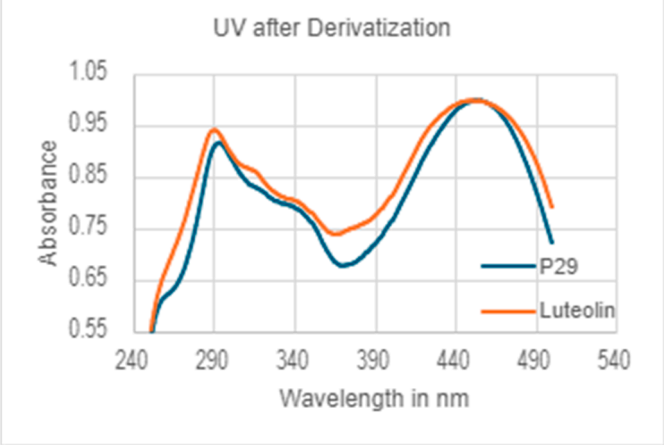


(c)



(d)

Table Supplement S2. Spectra overlays with UV Vis and Fluorescence after Derivatisation.

Sample with Standard	HPTLC fingerprints	Fluorescence overlay	UV Vis overlay
Sample P29 with Luteolin			
Sample P29 with Taxifolin	